Product Information / Technical Service Manual

SURGERY CHAIRS

MODELS **S2601 & S2605**

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Rev B October 5, 2009
DOC. 9804

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CONGRATULATIONS
ON YOUR PURCHASE OF BOYD SURGERY PRODUCTS

BOYD INDUSTRIES HAS SPENT YEARS DESIGNING AND DEVELOPING WHAT WE FEEL ARE THE BEST SURGERY PRODUCTS AVAILABLE IN THE WORLD TODAY.

THE FOLLOWING ARE UNIQUE FEATURES THAT MAKE YOUR BOYD CHAIR
THE MOST ADVANCED AND FUNCTIONAL SURGERY CHAIR AVAILABLE.

1-STANDARD PROGRAMMING ON ALL SURGERY CHAIRS ALLOWS THE OPERATOR TO PROGRAM 3 POSITIONS THAT CAN BE RECALLED AT ANY TIME AND FROM ANY POSITION.

2- THE "AUTO RETURN" POSITION PUTS THE CHAIR INTO THE RECOMMENDED "ENTRANCE / EXIT POSITION".

3-LOW VOLTAGE D/C MOTORS ARE STANDARD ON ALL CHAIRS/TABLES. D/C MOTORS ARE SAFER AND HAVE A LONGER LIFE EXPECTANCY THAN A/C MOTORS.

APPLICATION OF PRODUCT

THESE PRODUCTS ARE DESIGNED FOR THE PURPOSE OF COMFORTABLY POSITIONING PATIENTS DURING MEDICAL / DENTAL EXAMINATIONS AND PROCEDURES.

CHAIR/TABLE SECTIONS MOVE TO ALLOW THE MOST ADVANTAGEOUS WORKING POSITION FOR THE DOCTOR AND HIS/HER ASSISTANT(S).

WARRANTY STATEMENT

BOYD INDUSTRIES ("BOYD") ONLY WARRANTS ITS PRODUCTS TO BE FREE FROM DEFECTS IN MATERIAL ("PARTS WARRANTY") AND WORKMANSHIP ("LABOR WARRANTY"). NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, APPLY. THE WARRANTY, COMMENCING AT THE INVOICE DATE OF THE EQUIPMENT, SHALL EXTEND FOR THREE (3) YEARS FOR PARTS AND (1) YEAR FOR LABOR UNLESS OTHERWISE STATED. THE LABOR WARRANTY SHALL BE THE SOLE RESPONSIBILITY OF THE DEALER/DISTRIBUT0R. IN THE EVENT OF A DIRECT SALE, BOYD WILL ASSUME THE RESPONSIBILITY OF THE DEALER/DISTRIBUTOR AS IT PERTAINS TO THE LABOR WARRANTY. THE WARRANTY IS EXCLUSIVE TO PRODUCTS MANUFACTURED BY BOYD. PRODUCTS DISTRIBUTED BY BOYD, BUT NOT MANUFACTURED BY BOYD, SHALL NOT BE SUBJECT TO THIS WARRANTY AND WILL BE WARRANTIED ONLY TO THE EXTENT OF THE MANUFACTURER'S WARRANTY.

IN THE EVENT OF THE BREACH OF SUCH WARRANTY, WRITTEN NOTICE OF SUCH BREACH MUST BE GIVEN TO BOYD WITHIN THE PERIOD OF THE WARRANTY BREACHED. BOYD RESERVES THE RIGHT TO REMEDY SUCH BREACH, AT ITS SOLE DISCRETION, BY REPAIR OR REPLACEMENT OF THE PRODUCT IN QUESTION. THE REPAIR OR REPLACEMENT OF THE PRODUCT IN QUESTION SHALL BE THE SOLE EXCLUSIVE REMEDY AVAILABLE WITH RESPECT TO ANY DEFECT.

THE WARRANTY DOES NOT COVER DAMAGE OR DEFECTS RESULTING FROM OR IN ANY WAY ATTRIBUTABLE TO IMPROPER INSTALLATION OR MAINTENANCE, NEGLECT, ABUSE, OR MISUSE OF THE PRODUCT. MOREVER, THE WARRANTY DOES NOT COVER A PRODUCT THAT HAS BEEN ALTERED IN ANY WAY FROM ITS ORIGINAL CONDITION, OR A PRODUCT THAT HAS BEEN OR IS BEING USED IN ANY WAY OTHER THAN THE PRODUCT'S DESIGNED INTENT. FOR WARRANTY TO REMAIN VALID, ALL SERVICE AND MAINTENANCE OF PRODUCT MUST BE PERFORMED BY AN AUTHORIZED SERVICE TECHNICIAN AND WRITTEN LOGS AND RECEIPTS FOR SERVICE MUST BE MAINTAINED.

NO CLAIM FOR CONSEQUENTIAL DAMAGES WILL BE ALLOWED. FREIGHT DAMAGE OR MISHANDLING OF BY ANY THIRD PARTY SHALL NOT BE CONSIDERED A WARRANTY ITEM. IMPROPER INSTALLATION BY A THIRD PARTY CAUSING DAMAGE TO EQUIPMENT IS NOT A WARRANTY ITEM. BOYD RESERVES THE RIGHT TO ALTER OR CHANGE ANY PRODUCT WITHOUT NOTICE.

SAFETY WARNING SYMBOLS
SYMBOLES D'AVERTISSEMENT DE SÉCURITÉ

CAUTION: RISK OF ELECTRICAL SHOCK
ATTENTION: RISQUE DE CHOC ÉLECTRIQUE

CAUTION: GENERAL DANGER
ATTENTION:DANGER

CAUTION: HAND CRUSH FORCE FROM REAR
ATTENTION: ÉCRASER LA MAIN DE FORCE arrière

INFORMATIONAL: READ OPERATOR'S MANUAL
INFORMATION: LECTURE DU MANUEL DE L'OPÉRATEUR

CAUTION: HAND CRUSH FORCE FROM ABOVE
ATTENTION: ÉCRASER LA MAIN AU-DESSUS DE LA FORCE

INFORMATIONAL: READ TECHNICAL MANUAL BEFORE SERVICING
D'INFORMATION: LIRE MANUEL TECHNIQUE AVANT DE

MAIN POWER ON
MAINS-POWER-ON

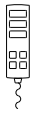
MAIN POWER OFF
MAINS-POWER-ON

ACCESSORY POWER ON
SUR LES ACCESSOIRES

ACCESSORY POWER OFF
ACCESSOIRES OFF

PODIATRY TABLE
TABLEAU PODOLOGIE

HAND CONTROL
PART DE CONTRÔLE



LIGHT

TYPE B EQUIPMENT
ÉQUIPEMENT DE TYPE B

PROTECTIVE EARTH GROUND
PROTECTION ÉCHOUEMENT TERRE

EARTH GROUND
ÉCHOUEMENT TERRE

-WARNING-AVERTISSEMENT

ALWAYS DISCONNECT THE AC POWER CORD AND PRESS THE MEMORY POSITION "1" SWITCH BEFORE DISCONNECTING OR CONNECTING MOTOR CABLES. FAILURE TO DISCONNECT THE AC POWER CORD WILL CAUSE DAMAGE TO THE CONTROL BOX.

TOUJOURS DÉBRANCHER LE CORDON D'ALIMENTATION ET DE LA MÉMOIRE, APPUYEZ SUR LA POSITION "1" AVANT DE DÉBRANCHER OU DE CONNECTER LES CÂBLES MOTEUR. ÉCHEC DE DÉBRANCHER LE CORDON D'ALIMENTATION SERA DE CAUSER DES DOMMAGES À LA BOÎTE DE CONTRÔLE.

SAFETY PRECAUTIONS

1. Medical Electrical equipment needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in this manual.
2. Portable and mobile RF communications equipment can effect medical electrical equipment.
3. The use of accessories, transducers, and cables other than those specified by the manufacturer, may result in increased emissions or decreased immunity of the S2601 & S2605 Surgery Chairs.
4. The S2601 & S2605 Surgery Chairs should not be used adjacent to or stacked with other equipment, and that if adjacent to or stacked use is necessary, the S2601 & S2605 Surgery Chairs should be observed to verify normal operation in the configuration in which it will be used.

SÉCURITÉ

1. L'appareillage électrique médical a besoin des précautions spéciales concernant EMC et doit être installé et mis en service selon les informations d'EMC fournies en ce manuel.
2. Le matériel de transmissions portatif et mobile de rf peut effectuer l'appareillage électrique médical
3. L'utilisation des accessoires, des capteurs, et des câbles autres que ceux indiqués par le fabricant, peut avoir comme conséquence les plus grandes émissions ou l'immunité diminuée de la chaise de S2601 & S2605.
4. La chaise S2601 & S2605 ne devrait pas être employée à côté de ou empilée avec l'autre équipement, et cela si à côté de ou l'utilisation empilée est nécessaire, la chaise de S2601 & S2605 devrait être observée pour vérifier l'opération normale dans la configuration dans laquelle elle sera employée.

SAFETY PRECAUTIONS

SÉCURITÉ

THIS PRODUCT HAS BEEN DESIGNED AND TESTED WITH YOUR SAFETY IN MIND. IMPROPER USE CAN RESULT IN ELECTRIC SHOCK OR OTHER PHYSICAL INJURIES. DO NOT DEFEAT THE SAFEGUARDS THAT HAVE BEEN DESIGNED INTO THIS PRODUCT. PLEASE READ AND OBSERVE THE FOLLOWING SAFETY POINTS WHEN INSTALLING AND OPERATING THIS PRODUCT, AND SAVE THIS MANUAL AND ALL SUPPLEMENTAL LITERATURE FOR FUTURE REFERENCE. OBSERVING PRECAUTIONS LISTED IN THIS BOOKLET WILL HELP YOU GET MANY YEARS OF SERVICE AND SAFE OPERATION FROM YOUR EQUIPMENT.

CE PRODUIT A ÉTÉ CONÇU ET TESTÉ AVEC LA SÉCURITÉ DANS VOTRE ESPRIT. USAGE IMPROPRE PEUT ENTRAÎNER UN CHOC ÉLECTRIQUE OU D'AUTRES BLESSURES PHYSIQUES. DÉFAITE N'ONT PAS LES GARANTIES QUI ONT ÉTÉ CONÇUS DANS CE PRODUIT. S'IL VOUS PLAÎT LIRE ET D'OBSERVER LES POINTS SUIVANTS DE SÉCURITÉ LORS DE L'INSTALLATION ET DE FONCTIONNEMENT DE CE PRODUIT, ET DE METTRE CE MANUEL ET TOUTES LES COMPLÉMENTAIRES LITTÉRATURE POUR RÉFÉRENCE FUTURE. LES MESURES DE PRÉCAUTION D'OBSERVATION DANS CETTE BROCHURE VOUS AIDERA À OBTENIR DE NOMBREUSES ANNÉES DE SERVICE ET DE SÉCURITÉ DE L'EXPLOITATION DE VOTRE ÉQUIPEMENT.

READ INSTRUCTIONS:
ALL SAFETY AND OPERATING INSTRUCTIONS SHOULD BE READ BEFORE THIS PRODUCT IS OPERATED.

LIRE LES INSTRUCTIONS:
TOUTES LES MESURES DE SÉCURITÉ ET INSTRUCTIONS DE FONCTIONNEMENT DOIVENT ÊTRE LUES AVANT DE CE PRODUIT EST EXPLOITÉ.

2) FOLLOW INSTRUCTIONS:
ALL USE AND OPERATING INSTRUCTIONS SHOULD BE FOLLOWED.

SUIVEZ LES INSTRUCTIONS:
ET UTILISER TOUTES LES INSTRUCTIONS DE FONCTIONNEMENT DOIVENT ÊTRE SUIVIES.

3) OWNERS MANUAL:
RETAIN SAFETY AND OPERATING INSTRUCTIONS FOR FUTURE REFERENCE.

OWNERS MANUAL:
MAINTENIR LA SÉCURITÉ ET INSTRUCTIONS DE FONCTIONNEMENT POUR L'AVE NIR REFERENCE.

4) HEED WARNINGS:
ADHERE TO ALL WARNINGS ON EQUIPMENT AND IN OWNER'S MANUAL.

OBSERVER AVERTISSEMENTS:
ADHÉRER À TOUS LES AVERTISSEMENTS SUR L'ÉQUIPEMENT ET DU PRO PRIÉTAIRE EN MANUEL.

5) ACCESSORIES:
DO NOT USE ANY ACCESSORIES NOT RECOMMENDED BY THE MANUFACTURER AS THEY MIGHT CAUSE HAZARDS.

ACCESSOIRES:
NE PAS UTILISER D'ACCESSOIRES NON RECOMMANDÉS PAR LA FABRICANT CAR ELLES POURRAIENT PROVOQUER DES RISQUES.

6) CLEANING:
USE MILD DETERGENT IN WATER ON ALL PAINTED SURFACES AND PLASTIC PARTS. USE ONLY CLEANERS SPECIFICALLY DESIGNED FOR CLEANING / DISINFECTING VINYL UPHOLSTERY. REFER TO VINYL MANUFACTURER'S DOCUMENTATION FOR SPECIFIC CLEANING INFORMATION.

NETTOYAGE:
UTILISER UN DÉTERGENT DOUX DANS DE L'EAU SUR TOUTES LES SURFACES

SAFETY PRECAUTIONS (CONTINUED)
SÉCURITÉ (SUITE)

PEINTES ET DES PIÈCES EN PLASTIQUE.UTILISER SEULEMENT DES NETTOYANTS SPÉCIA LEMENT CONÇU POUR LE NETOYA GE / LA DÉSINFECTION DE VINYLE REMBOURRAGE. VINY LE RÉFÉRER À LA DO CUMENTATION DU FABRICANT POUR LE NETTOYAGE DES INFORMA TIONS SPÉCIFIQUES.

7) LINE CORD:

THIS PRODUCT IS EQUIPPED WITH A POLARIZED, GROUNDED, ALTERNATING CURRENT LINE PLUG. THIS PLUG WILL FIT INTO THE POWER OUTLET ONLY ONE WAY. THIS IS A SAFETY FEATURE. IF YOU ARE UNABLE TO INSERT THE PLUG INTO YOUR OUTLET, CONTACT A LOCAL ELECTRI CIAN TO REPLACE YOUR OBSOLETE A/C OUTLET.

CORDON:

CE PRODUIT EST ÉQUIPÉ D'UN POLARISÉE, LA TERRE, COURANT ALTERNATIF PLUG LIGNE. CE PLUG VA S'INSCRIRE DANS LA PUIS SANCE DE SORTIE QUE D'UN SEUL CÔTÉ. C'EST UNE MESURE DE SÉCURITÉ. SI VOUS SONT PAS EN MESURE D'INSÉRER LA FICHE DANS VOTRE POINT DE VENTE, COMMUNIQUEZ AVEC UN ÉLECTRICIEN LOCAL POUR REMPLACER VOTRE OBSOLÈTES A/C DE SORTIE.

8) OPERATING ENVIRONMENT:

THIS EQUIPMENT IS NOT SUITABLE FOR USE IN THE PRESENCE OF FLAMMABLE ANESTHETICS.

ENVIRONNEMENT D'EXPLOITATION:

CE MATÉRIEL N'EST PAS ADAPTÉ POUR ÊTRE UTILISÉ DANS LA PRÉSENCE DE INFLAMMABLE ANESTHÉSIQUES.

9) POWER CORD PROTECTION:

POWER SUPPLY CORDS SHOULD BE ROUTED SO THAT THEY ARE NOT WALKED ON OR DAMAGED BY ANY OTHER EQUIPMENT PLACED UPON OR AGAINST THEM. PAY CLOSE ATTENTION TO CORDS AT PLUGS, CONVENIENCE RECEPTACLES, AND WHERE THEY EXIT THE EQUIPMENT.

CORDON D'ALIMENTATION DE PROTECTION:

POWER SUPPLY CORDONS DOIVENT ÊTRE ACHEMINÉS AFIN QU'ILS NE SONT PAS PIÉTINÉ OU ENDOMMAGÉS PAR TOUT AUTRE MATÉRIEL PLACÉ SUR OU CONTRE EUX. ACCORDER UNE ATTENTION PARTICULIÈRE AUX CORDONS À FICHES, ET OÙ ILS SORTENT DE L'ÉQUIPEMENT.

10) LIQUID AND OBJECT ENTRY:

NEVER INTENTIONALLY SPILL OR POUR LIQUIDS OF ANY KIND ON THIS EQUIPMENT. NEVER PUSH OBJECTS OF ANY TYPE INTO OPENINGS AS THEY COULD TOUCH MOVING PARTS OR DANGEROUS VOLTAGE POINTS INSIDE EQUIPMENT WHICH COULD CAUSE FIRE HAZARD, ELECTRIC SHOCK, AND / OR BODILY INJURY.

LIQUIDE D'ENTRÉE ET DE L'OBJET:

JAMAIS INTENTIONNELLEMENT OU POUR DES DÉVERSEMENTS DE LIQUIDES DE TOUTE NATURE SUR CE MATÉRIEL. JAMAIS POUSSER DES OBJETS DE TOUT TYPE EN OUVERTURES CAR ILS POURRAIENT TOUCHER LES PIÈCES MO BILES OU DES POINTS DE TENSION DANGEREUX INTÉRIEUR DE L'ÉQUIPE MENT QUI POURRAIT CAUSER DES RISQUES D'INCENDIE, D'ÉLECTROCU TION, ET / OU DE PRÉJUDICE CORPOREL.

11) SERVICING:

DO NOT ATTEMPT TO SERVICE THIS PRODUCT YOURSELF. THIS ACTION WILL VOID ANY WARRANTIES. OPENING COVERS COULD EXPOSE YOU TO DANGEROUS CURRENT AND MECHANICAL PINCH POINTS. SERVICE SHOULD ONLY BE PERFORMED BY QUALIFIED SERVICE PERSONNEL. CONTACT THE FACTORY FOR AUTHORIZED SERVICE FACILITIES IN YOUR AREA.

ENTRETIEN:

NE TENTEZ PAS DE RÉPARER LE PRODUIT VOUS-MÊME. CE ACTION ANNULERA TOUTE GARANTIE. OUVERTURE COUVRE POURRAIT VOUS EXPOSER À UN DANGER ACTUEL ET MÉCANIQUES DE PINCEMENT POINTS. SERVICE NE DOIT ÊTRE EFFECTUÉE PAR DES

SAFETY PRECAUTIONS (CONTINUED)
SÉCURITÉ (SUITE)

SERVICE PERSONNEL. CONTACTER L'USINE POUR AUTORISÉ
INSTALLATIONS DE SERVICE DANS VOTRE RÉGION.

12) DAMAGE OR FAILURES REQUIRING SERVICE:
UNPLUG EQUIPMENT FROM POWER SOURCE AND CONTACT QUALIFIED SERVICE PERSONNEL IF ANY OF THE FOLLOWING OCCUR.

* POWER SUPPLY CORD IS DAMAGED.
* LIQUID HAS BEEN SPILLED INTO EQUIPMENT.
* OBJECTS HAVE FALLEN INTO EQUIPMENT.
* EQUIPMENT HAS BEEN EXPOSED TO RAIN OR WATER.
* EQUIPMENT HAS BEEN DROPPED OR DAMAGED.
* EQUIPMENT SHOWS SIGNIFICANT CHANGE IN OPERATION.
* EQUIPMENT DOES NOT OPERATE NORMALLY.

LES DOMMAGES OU LES ÉCHECS DE SERVICE EXIGEANT:
DÉBRANCHER L'ÉQUIPEMENT DE SOURCE D'ALIMENTATION ET EN CONTACT AVEC DES FOURNISSEURS DE SERVICES PERSONNEL SI L'UN DES ÉVÉNEMENTS SUIVANTS SURVIENT.

* CORDON D'ALIMENTATION EST ENDOMMAGÉ.
* LIQUIDE A ÉTÉ RENVERSÉ EN MATÉRIEL.
* DES OBJETS SONT TOMBÉS DANS L'ÉQUIPEMENT.
* ÉQUIPEMENT A ÉTÉ EXPOSÉ À LA PLUIE OU L'EAU.
* ÉQUIPEMENT A ÉTÉ ÉCHAPPÉ OU ENDOMMAGÉ.
* ÉQUIPEMENT MONTRE DES CHANGEMENTS IMPORTANTS DANS LE FONCTIONNEMENT.
* L'ÉQUIPEMENT NE FONCTIONNE PAS NORMALEMENT.

13) REPLACEMENT PARTS:
IF REPLACEMENT PARTS ARE REQUIRED, PARTS SHOULD BE SUPPLIED OR APPROVED BY THE MANUFACTURER. UNAUTHORIZED SUBSTITUTIONS COULD RESULT IN ELECTRICAL SHOCK, FIRE HAZARD, AND / OR BODILY INJURY.

PIÈCES:
SI LE REMPLACEMENT DES PIÈCES SONT NÉCESSAIRES, LES PIÈCES DOIVENT ÊTRE FOURNI OU AGRÉÉ PAR LE FABRICANT. NON AUTORISÉ SUBSTITUTIONS POURRAIT ENTRAÎNER UN CHOC ÉLECTRIQUE, INCENDIE RISQUE, ET / OU DE PRÉJUDICE CORPOREL.

14) SAFETY CHECKS:
UPON THE COMPLETION OF ANY SERVICE TO EQUIPMENT, SERVICE PERSONNEL MUST PERFORM SAFETY CHECKS TO INSURE THAT ALL EQUIPMENT IS FUNCTIONING PROPERLY AND SAFELY.

DES CONTRÔLES DE SÉCURITÉ:
À L'ACCOMPLISSEMENT D'UN SERVICE DE L'ÉQUIPEMENT, LE PERSONNEL DE SERVICE DOIT EFFECTUER DES CONTRÔLES DE SÉCURITÉ AFIN D'ASSURER QUE TOUS LES L'ÉQUIPEMENT FONCTIONNE CORRECTEMENT ET SANS DANGER.

15) HEAT / OPEN FLAME:
EQUIPMENT SHOULD BE INSTALLED AWAY FROM HEAT SOURCES SUCH AS RADIATORS, HEAT REGISTERS, STOVES, OR OTHER PRODUCTS THAT PRODUCE HEAT OR OPEN FLAMES. THERE SHOULD BE NO SMOKING IN A ROOM WHERE THIS EQUIPMENT WILL BE OPERATED OR STORED.

CHALEUR / FLAMME NUE:
MATÉRIEL DOIT ÊTRE INSTALLÉ LOIN DES SOURCES DE CHALEUR COMME DES RADIATEURS, DES REGISTRES DE CHALEUR, DES POÊLES OU D'AUTRES PRODUITS QUI PRODUISENT DE LA CHALEUR OU DE FLAMMES NUES. IL NE DEVRAIT PAS ÊTRE FUMEUR DANS UNE PIÈCE OÙ CE MATÉRIEL SERA EXPLOITÉ OU STOCKÉES.

DESCRIPTION OF PRODUCT LINE

MODEL:	FEATURES:
S2601	QUAD-FUNCTION FOOT CONTROL, POWER TAPERED BACK REST, INDEPENDENT MOVEMENT OF TOE SECTION, VERTICAL LIFT BASE WITH 16” STROKE, POWER TILT FOR TRENDELENBURG POSITIONING.
S2605	QUAD-FUNCTION FOOT CONTROL, POWER WIDE BACK REST, INDEPENDENT MOVEMENT OF TOE SECTION, VERTICAL LIFT BASE WITH 16” STROKE, POWER TILT FOR TRENDELENBURG POSITIONING.

NOTE: S-2601 AND S-2605 CAN BE PURCHASED WITH A SWIVEL BASE OR A MOBILE BASE

STANDARD SAFETY FEATURES

POWER SUPPLY	CHAIR/TABLE AND A/C OUTLETS ARE CIRCUIT BREAKER PROTECTED. POWER SUPPLY/ MOTOR CONTROL BOX TRANSFORMER SHUTS DOWN AUTOMATICALLY WHEN MOTOR (S) ARE NOT BEING USED.
FOOT CONTROL	WHEN CHAIR IS MOVING TO ANY PRESET POSITION, IT CAN BE STOPPED IMMEDIATELY BY PRESSING ANY DIRECTIONAL CONTROL BUTTON (I.E. BASE UP, BASE DOWN, ETC).

DES CARACTÉRISTIQUES DE SÉCURITÉ STANDARD

POWER SUPPLY	PRÉSIDENT ET A/C POINTS DE VENTE SONT PROTÉGÉES DISJONCTEUR. ALIMENTATION/BOÎTIER DE CONTRÔLE MOTEUR TRANSFORMATEUR S'ARRÊTE AUTOMATIQUEMENT EN CAS DE MOTEUR (S) NE SONT PAS UTILISÉS. D'ARRÊT D'URGENCE INTERRUPTEUR.
FOOT CONTROL	LORS DE PRÉSIDENT EST DE PASSER À UNE POSITION DE PRÉRÉGLAGE, IL PEUT ÊTRE ARRÊTÉE IMMÉDIATEMENT EN APPUYANT SUR N'IMPORTE QUELLE DIRECTIONNEL BOUTON DE CONTRÔLE DE PUISSANCE OU D'INTERRUPTION (IE DE BASE, BASE, ETC).

GENERAL PRODUCT INFORMATION

CHASSIS	WELDED STEEL FRAME SEAT, BACK, TOE, AND BASE
UPHOLSTERY	STANDARD UPHOLSTERY IS VINYL; UPGRADES ARE AVAILABLE. UPHOLSTERY IS DESIGNED FOR HUMAN CONTACT AND FORMULATED TO ACHIEVE THE HIGHEST PERFORMANCE STANDARDS.
MOVEMENTS	VERTICAL LIFT BASE: VERTICAL - 16” (406mm)
NET WEIGHT	S2601/S2605 MOBILE 360lbs (163kg) S2601 TABLE - 300 lbs (136 kg) S2605 TABLE - 305 lbs (138 kg)
ELECTRICAL	24V D/C LOW VOLTAGE MOTORS MICROPROCESSOR CONTROLLED CHAIR/TABLE OPERATES AT 24V D/C NOTE: THIS PRODUCT HAS BEEN TESTED AND FOUND TO BE IMMUNE TO ESD, RADIATED RFI, ELECTRICAL FLASH TRANSIENTS/ BURSTS, AND ELECTRICAL SURGES IN ACCORDANCE WITH EN60601-2: 1993
POWER SUPPLY RATING	115VAC 60HZ 10A OR 230VAC 50HZ 7A CHECK SERIAL TAG FOR REQUIRED VOLTAGE
PROTECTION ELECTRICAL SHOCK	CLASS : I TYPE: B
LIQUID PROTECTION	DRIP PROOF: IPX I
OPERATION MODE	INTERMITTENT DUTY 10% (6 MIN ON / 60 MIN OFF)
LIFT CAPACITY	500 lbs (227 kg) WITH NORMAL WEIGHT DISTRIBUTION

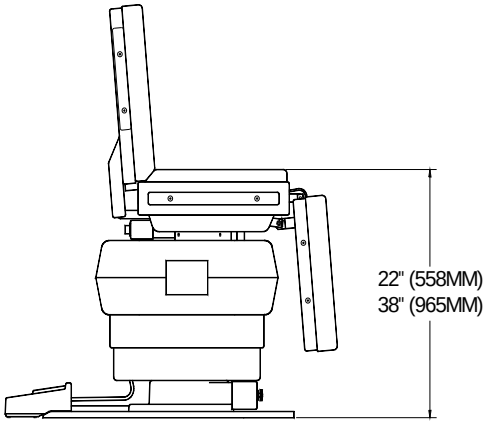
NOTE: DO NOT SIT ON BACK OR TOE SECTION. BACK AND TOE SECTIONS ARE NOT DESIGNED TO SUPPORT FULL WEIGHT OF PATIENT.

REMARQUE: NE PAS S'ASSEOIR SUR LE DOS OU LA JAMBE D'APPUI SECTION. DOS ET LA JAMBE D'APPUI SECTIONS NE SONT PAS CONÇUS POUR SOUTENIR TOUT LE POIDS DU PATIENT.

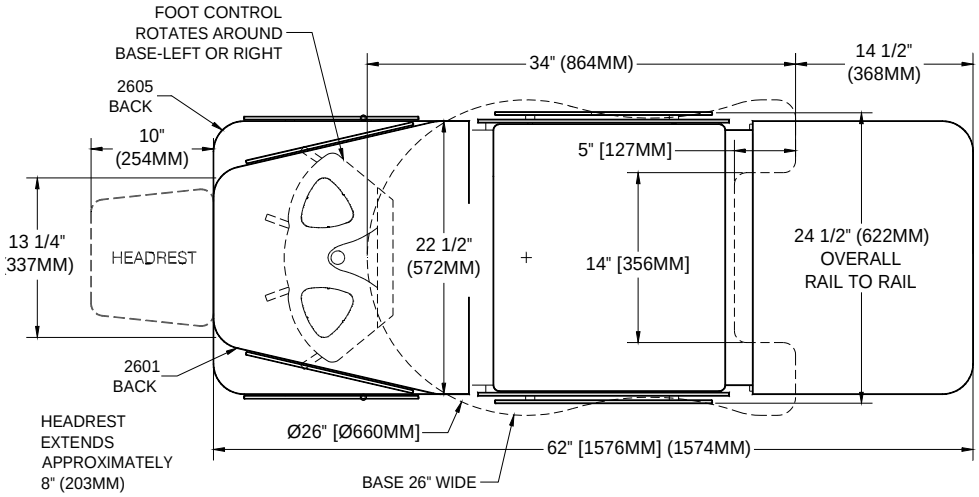
SEE SALES / ACCESSORY CATALOG FOR APPROVED ACCESSORIES.

NOTE: INSTALLATION OF UNAPPROVED ACCESSORIES WILL VOID WARRANTY AND MAY RENDER CHAIR UNSAFE.

PRODUCT SPECIFICATIONS



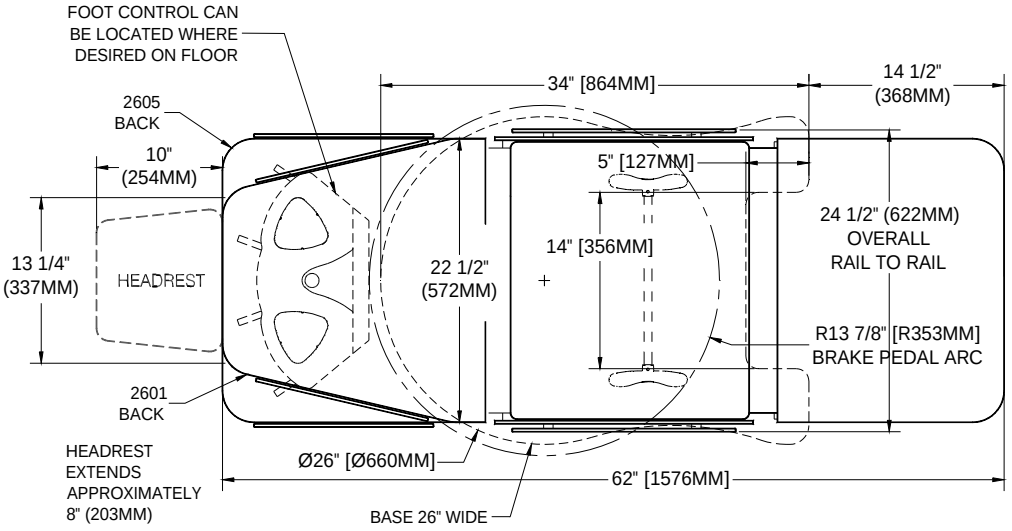
S2601 AND S2605 STANDARD BASE



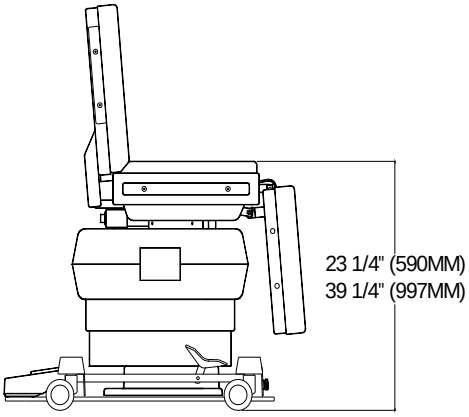
S2601 AND S2605 STANDARD BASE

S2601 and S2605
Specifications

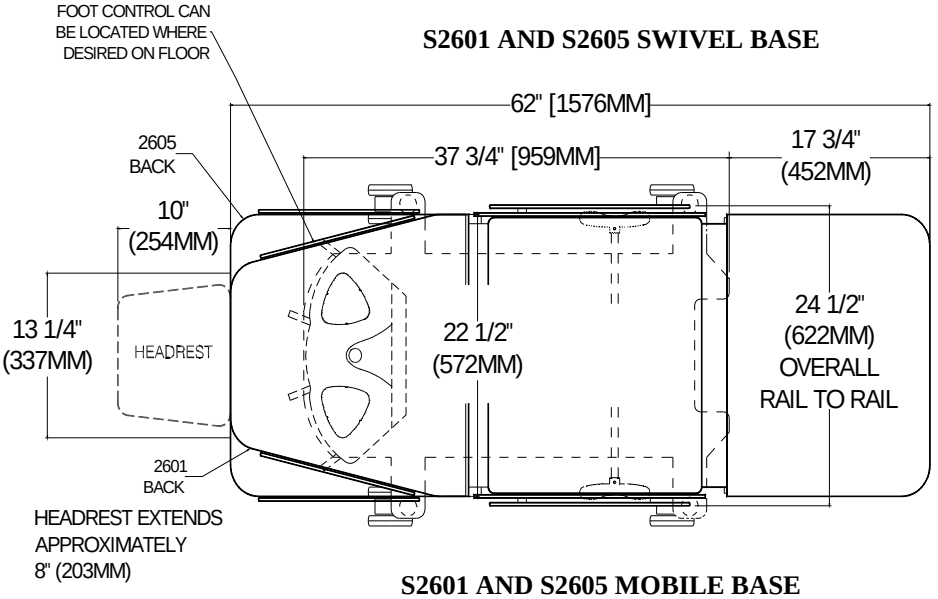
Length: 72" (1829 mm)
Width: 24 1/2" (622 mm) less arms
Starting Height: 22" (558 mm)
Swivel/Mobile Base: 23" (990 mm)
Finish Height: 38" (965 mm)
Swivel/Mobile Base: 39" (990 mm)
Electrical Requirements:
110 VAC, 10 Amp
220 VAC, 7 Amp



S2601 AND S2605 SWIVEL BASE



S2601 AND S2605 MOBILE BASE



S2601 AND S2605 MOBILE BASE

UNPACKING

PRE ASSEMBLY CHECK

UNPACK SHIPPING CARTONS CAREFULLY AND CHECK TO SEE THAT ALL PARTS ARE RECEIVED AND HAVE NOT BEEN DAMAGED DURING SHIPPING.

CAUTION:

WHEN MANUALLY LIFTING-CHAIR SHOULD BE LIFTED FROM BELOW MAIN SEAT FRAME. AT LEAST TWO PEOPLE ARE NEEDED. DO NOT AT ANY TIME MOVE OR LIFT CHAIR BY LIFTING ON BACK, LEG SUPPORT SECTION, OR ARMS.

MANUELLEMENT LORS DE LA LEVÉE-PRÉSIDENT DEVRAIENT ÊTRE LEVÉES AU-DESSOUS DU SIÈGE PRINCIPAL CADRE. AU MOINS DEUX PERSONNES SONT NÉCESSAIRES. NE SONT PAS À N'IMPORTE QUEL MOMENT, OU PAR ASCENSEUR CHAISE DE LEVAGE SUR LE DOS, LA JAMBE D'APPUI SECTION, OU LES ARMES.

CONTENTS

COMPLETE CHAIR:

FOR FORKLIFT LIFTING-CHAIR SHOULD BE LIFTED WITH FORKS UNDER THE BASE. DO NOT INSERT FORKS BELOW SEAT, THIS WILL DAMAGE THE CHAIR.

BASE ONLY:

CHAIR AND BASE ASSEMBLED, WITH UPHOLSTERY
FOUR FLOOR ANCHORS
ACCESSORIES (I.E. LIGHTPOST, ETC...)
OWNER'S / OPERATOR'S MANUAL

CHAIR TOP:

BASE WITH PD-2350 ADAPTER PLATE
FOUR FLOOR ANCHORS
A/C POWER CABLE

UPHOLSTERY:

CHAIR TOP
A/C POWER CABLE
HARDWARE FOR ATTACHING TABLE TOP TO BASE.
OWNER'S / OPERATOR'S MANUAL
ACCESSORIES (I.E. LIGHTPOST, ETC...)

BACK, SEAT, LEG SUPPORT UPHOLSTERY
AND ARMS (ARMS ARE COMPLETE WITH SUPPORT ROD & PLASTIC COVER)

(NOTE: ACCESSORIES MAY BE PACKAGED SEPARATELY)

POWER REQUIREMENTS

MISE EN SERVICE

CHECK CHAIR SERIAL TAG FOR REQUIRED VOLTAGE SPECIFICATIONS.
(REMOVE SEAT CUSHION TO SEE SERIAL NUMBER LABEL)
VÉRIFIER PRÉSIDENT DE SÉRIE TAG TENSION REQUISE POUR CAHIER DES CHARGES.
(SUPPRIMER COUSSIN POUR VOIR ÉTIQUETTE DU NUMÉRO DE SÉRIE)

115 VOLT MODEL
115-120 VAC ~ 60 Hz
10 AMP
(STANDARD U.S.)

MODÈLE 115 VOLT
115-120 VAC 60 HZ ~
10 AMP
(STANDARD US)

230 VOLT MODELS
230-240 VAC ~ 50 Hz
7 AMP
(INTERNATIONAL)

MODÈLES 230 VOLTS
230-240 VAC 50 HZ ~
7 AMP
(INTERNATIONAL)

CHAIR INSTALLATION INSTRUCTIONS

LOCATION: FULL SIZE TEMPLATES ARE AVAILABLE UPON REQUEST, FOR LAYING OUT LOCATION OF CHAIRS PRIOR TO ACTUAL INSTALLATION.

NOTE: CHAIR MUST BE ANCHORED TO FLOOR.
FAILURE TO DO SO MAY RESULT IN SERIOUS BODILY INJURY TO OPERATOR AND/OR PATIENT AND COULD CAUSE UNWARRANTED PRODUCT DAMAGE.
CHAIRS NOT PROPERLY ANCHORED DO NOT MEET WARRANTY REQUIREMENTS

REMARQUE: CHAISE DOIT ÊTRE ANCRÉE AU SOL.
NE PAS LE FAIRE MAI ENTRAÎNER DE GRAVES BLESSURES CORPORELLES À L'OPÉRATEUR ET / OU DU PATIENT ET POURRAIT CAUSER DES DOMMAGES INJUSTIFIÉS PRODUIT.
CHAISES PAS CORRECTEMENT ANCRÉES NE RÉPONDENT PAS AUX EXI-GENCES DE GARANTIE

1) POSITION CHAIR AS DESIRED. DRILL HOLES IN FLOOR THROUGH MOUNTING HOLES. ANCHOR BASE TO FLOOR WITH FOUR ANCHORS PROVIDED.
2) MAKE UTILITY CONNECTIONS IN FLOOR IN FRONT OF BASE (IF REQUIRED).

3) INSURE ALL SAFETY COVERS ARE IN PLACE AND REMOVABLE UPHOLSTERY IS SECURE. SHIFTING MAY HAVE OCCURRED DURING HANDLING OR SHIPPING.
4) PLUG POWER CORD INTO REQUIRED VOLTAGE OUTLET. (SEE SERIAL TAG FOR VOLTAGE REQUIREMENT.)
   NOTE: CHAIR SHOULD BE PLUGGED INTO HOSPITAL GRADE GROUNDED RECEPTACLE ONLY.

   BRANCHER LE CORDON D'ALIMENTATION EN TENSION DE SORTIE REQUISE. (VOIR SERIAL TAG EXIGENCE DE TENSION.)
   REMARQUE: CHAISE DOIT ÊTRE BRANCHÉ À L'HÔPITAL GRADE TERRE RECEPTACLE SEULEMENT.

5) TURN MAIN POWER SWITCH (C1) ON. (LOCATED ON THE BASE CONTROL PANEL)
6) PERFORM SAFETY AND OPERATIONAL CHECK.
7) IF CHAIR DOES NOT OPERATE CORRECTLY, SEE THE “TROUBLE SHOOTING” SECTION OF THIS MANUAL.
8) WHEN CHAIR IS OPERATING CORRECTLY, TURN POWER OFF (C1) UNTIL THE CHAIR IS TO BE USED.

OPERATING YOUR SURGERY CHAIR/ TABLE

INITIALIZING MOTORS:

IT IS IMPORTANT TO INITIALIZE MOTORS AFTER INSTALLATION TO ENSURE PROPER OPERATION OF THE CHAIR AND TO ENSURE ACCURATE PROGRAMMING.

AFTER INSTALLATION, RUN BACK DOWN COMPLETELY, TILT SEAT UP COMPLETELY, AND BASE UP COMPLETELY. PRESS THE 'HOME' BUTTON. WHEN TABLE STOPS MOVING, INITIALIZATION IS COMPLETE.

PROGRAMMING INSTRUCTIONS:

1) READ THESE INSTRUCTIONS COMPLETELY BEFORE YOU BEGIN PROGRAMMING.

2) INITIALIZE MOTORS (SEE ABOVE).

3) POSITION THE BASE, SEAT, AND/OR BACK AS DESIRED.

4) WAIT AT LEAST THREE (3) SECONDS THEN:
a) PUSH AND **HOLD** THE SAVE BUTTON FOR 5-10 SECONDS UNTIL A BEEP IS HEARD.
b) WITHIN 2 ADDITIONAL SECONDS, DEPRESS AND HOLD THE BUTTON OF THE DESIRED MEMORY POSITION (I.E. "1","2","3") . A BEEP WILL BE HEARD. THE BEEP INDICATES THAT THE DESIRED POSITION HAS BEEN SAVED TO THE SELECTED MEMORY POSITION. THIS ACTION ERASES ANY PREVIOUSLY PROGRAMMED POSITION ASSIGNED TO THE SELECTED MEMORY POSITION SWITCH.
NOTE: A MEMORY POSITION CANNOT BE DELETED, ONLY OVERWRITTEN WITH A NEW POSITION.

5) REPOSITION CHAIR AND RECALL THAT POSITION TO ENSURE THAT IT HAS BEEN PROGRAMMED CORRECTLY.

6) REPEAT STEPS 2,3,4, AND 5 UNTIL ALL DESIRED POSITIONS ARE PROGRAMMED. YOU CAN SAVE UP TO 3 POSITIONS.

7) HOME IS A PRESET POSITION AND CANNOT BE CHANGED

PROGRAMMED AND HOME POSITIONS CAN BE ATTAINED AT ANYTIME WITH CHAIR IN ANY POSITION.

NOTE: TO ENSURE ACCURATE POSITION REPEATABILITY, THE HOME FUNCTION SHOULD BE USED REGULARLY. IF DEVIATION FROM SET PROGRAMMED POSITION OCCURS. REPEAT INITIALIZATION.

GENERAL OPERATING INSTRUCTIONS:

1) SEE FOLLOWING PAGES OF THIS SECTION FOR SYMBOLS AND THEIR DEFINITIONS.

2) WHILE SAFETY FEATURES (PREVIOUSLY COVERED) HAVE BEEN DESIGNED, IT IS STILL GOOD PRACTICE TO BE AWARE AND WATCH FOR OBSTRUCTIONS WHILE OPERATING CHAIR. NEVER AT ANY TIME ALLOW SMALL CHILDREN OR ANIMALS TO PLAY ON, AROUND, OR UNDERNEATH TABLE OR BASE WHETHER DURING OPERATION OR WHILE CHAIR IS IDLE.

3) CHAIR SHOULD BE TURNED OFF ANY TIME IT IS NOT BEING USED. THERE IS ALSO A POWER INTERRUPT FEATURE THAT ALLOWS YOU TO PUT THE MOTORS IN AN OFF POSITION WHILE LIGHT WILL STILL BE ON. THIS IS TO PREVENT ACCIDENTAL OPERATION OF CHAIR DURING PROCEDURES OR EXAMS. TO USE THE INTERRUPT FEATURE SIMPLY POSITION CHAIR AS DESIRED, THEN DEPRESS THE POWER INTERRUPT SWITCH. WHEN READY TO USE CHAIR AGAIN, DEPRESS POWER INTERRUPT SWITCH AGAIN. THIS WILL ALLOW YOU TO OPERATE THE MOTORS WITH THE FOOT SWITCHES AGAIN.

4) ANY TIME THERE IS AN OBVIOUS OBSTRUCTION THAT MAY HINDER NORMAL MOVEMENT OF CHAIR OR PARTS OF THE CHAIR, THE EMERGENCY STOP SWITCH SHOULD BE DEPRESSED IMMEDIATELY.

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

QUAD-FUNCTION FOOT CONTROL
S2601 STANDARD BASE
(FOOT CONTROL IS ATTACHED TO BASE)

NOTE: CHAIR MOVEMENT CAN BE STOPPED BY MOMENTARILY DEPRESSING ANY DIRECTIONAL CONTROL (I.E. BACK UP/ DOWN, TILT UP/ DOWN, BASE UP/ DOWN, TOE UP/ DOWN OR ANY PROGRAMMED POSITION).

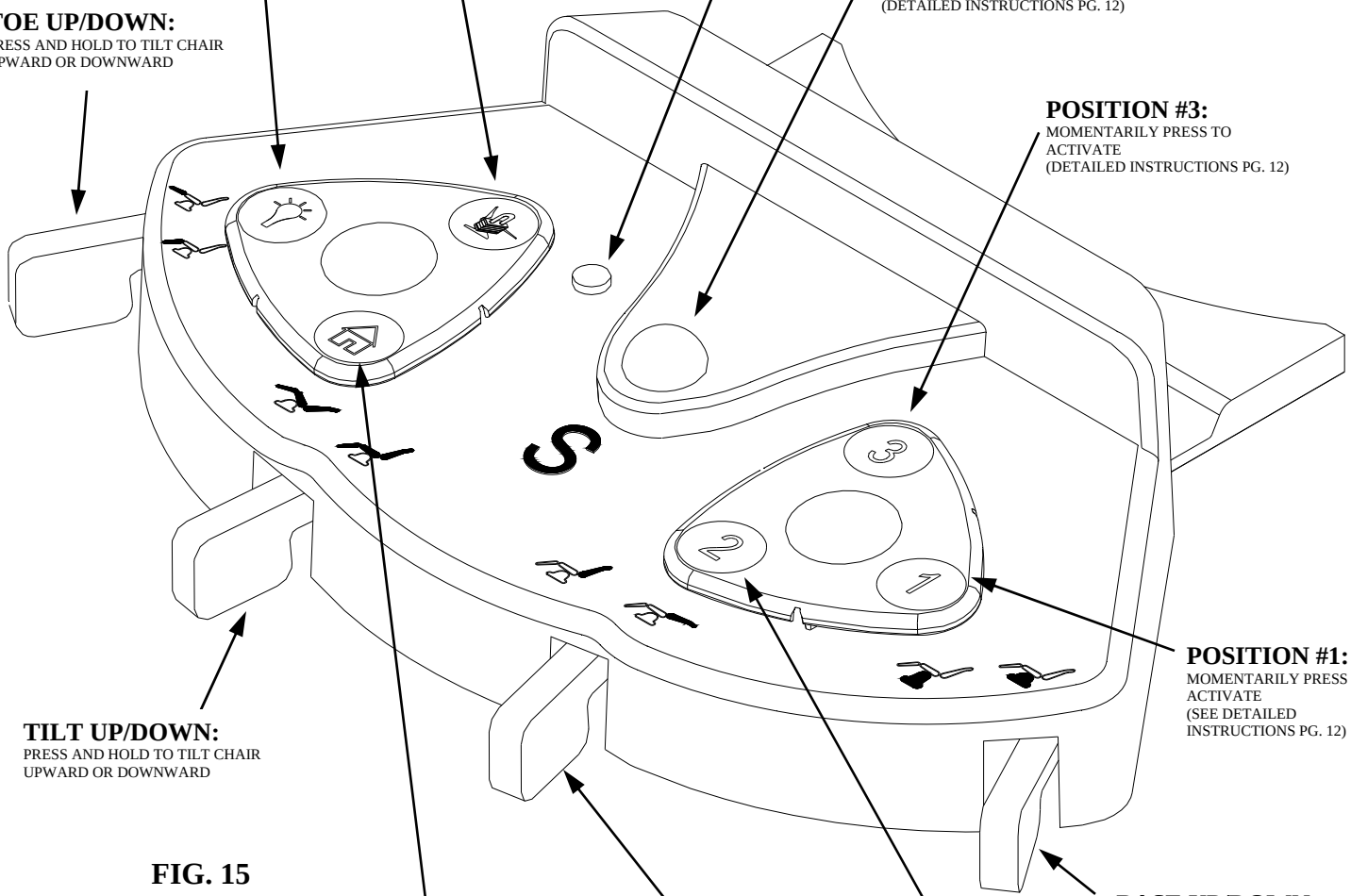

POWER INTERRUPT INDICATOR:
ILLUMINATES WHEN MOTOR CONTROLS ARE INACTIVE. PRESS POWER INTERRUPT TO REACTIVATE MOTOR CONTROLS.
POWER INTERRUPT:
DENIES POWER TO MOTOR CONTROLS, TO PREVENT ACCIDENTAL MOVEMENT DURING PROCEDURES. MOMENTARILY PRESS TO ACTIVATE/ DEACTIVATE
LIGHT:
MOMENTARILY PRESS TO TURN LIGHT ON / OFF
SAVE:
USED FOR PROGRAMMING (DETAILED INSTRUCTIONS PG. 12)
TOE UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD
POSITION #3:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)
POSITION #1:
MOMENTARILY PRESS TO ACTIVATE (SEE DETAILED INSTRUCTIONS PG. 12)
TILT UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD
BASE UP/DOWN:
PRESS AND HOLD TO MOVE CHAIR UPWARD OR DOWNWARD
HOME:
RETURNS CHAIR AND BASE TO ORIGINAL ENTRANCE / EXIT POSITION (BACK UP / BASE DOWN) MOMENTARILY PRESS TO ACTIVATE.
BACK UP/DOWN:
PRESS AND HOLD TO MOVE BACK UPWARD OR DOWNWARD
POSITION #2:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)

FIG. 15

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

QUAD-FUNCTION FOOT CONTROL
S2601 SWIVEL & MOBILE BASE
(FOOT CONTROL CAN BE REMOVED FROM BASE)

NOTE: CHAIR MOVEMENT CAN BE STOPPED BY MOMENTARILY DEPRESSING ANY DIRECTIONAL CONTROL (I.E. BACK UP/ DOWN, TILT UP/ DOWN, BASE UP/ DOWN, TOE UP/ DOWN OR ANY PROGRAMMED POSITION).

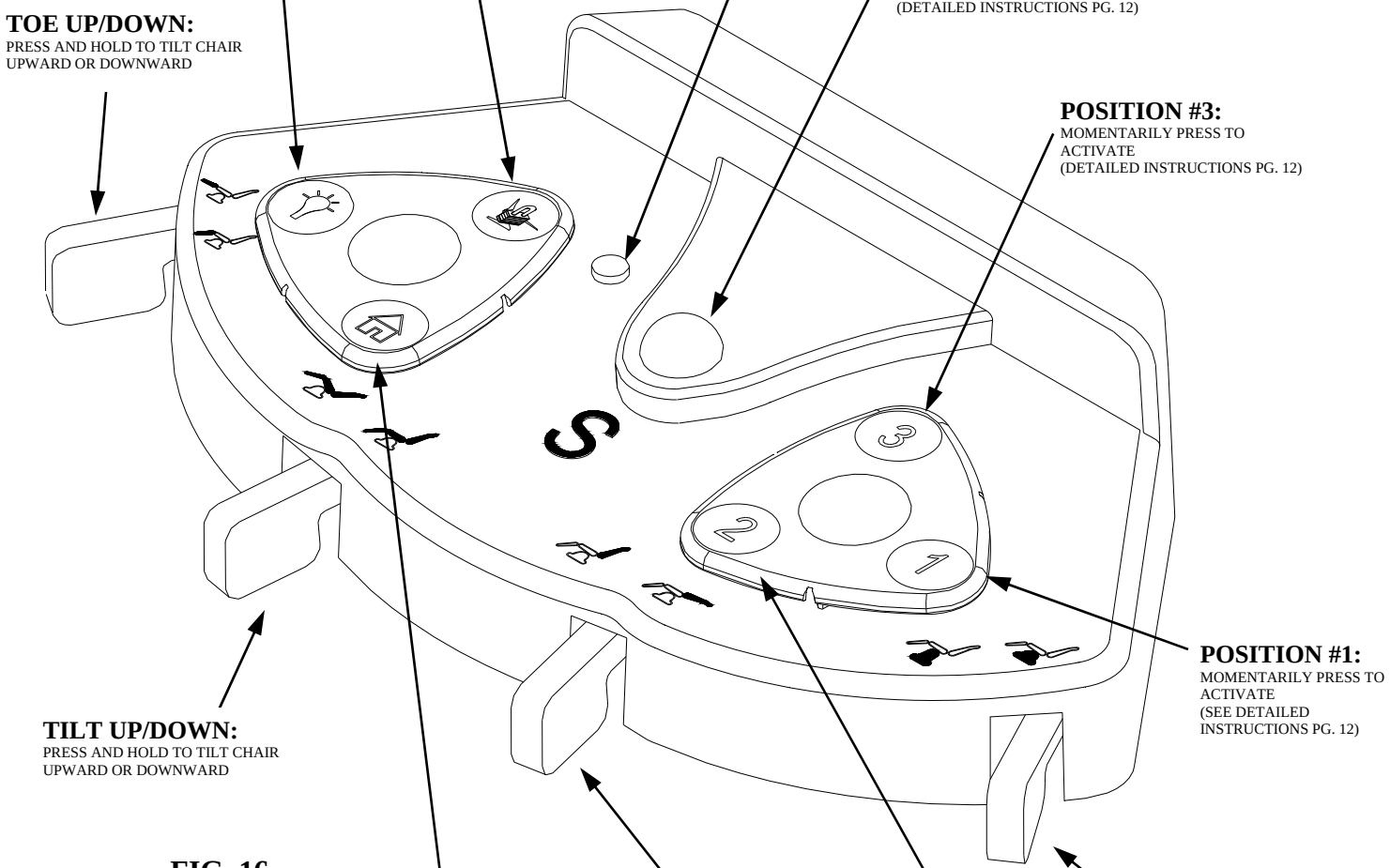
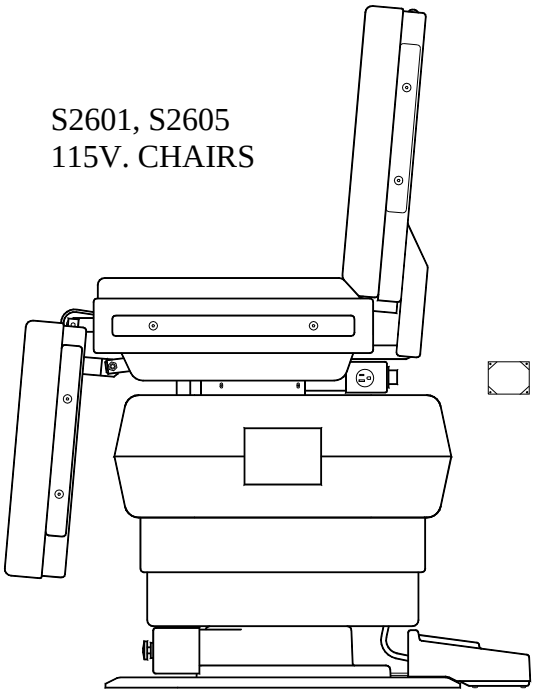

POWER INTERRUPT INDICATOR:
ILLUMINATES WHEN MOTOR CONTROLS ARE INACTIVE. PRESS POWER INTERRUPT TO REACTIVATE MOTOR CONTROLS.
POWER INTERRUPT:
DENIES POWER TO MOTOR CONTROLS, TO PREVENT ACCIDENTAL MOVEMENT DURING PROCEDURES. MOMENTARILY PRESS TO ACTIVATE/ DEACTIVATE
LIGHT:
MOMENTARILY PRESS TO TURN LIGHT ON / OFF
SAVE:
USED FOR PROGRAMMING (DETAILED INSTRUCTIONS PG. 12)
TOE UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD
POSITION #3:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)
POSITION #1:
MOMENTARILY PRESS TO ACTIVATE (SEE DETAILED INSTRUCTIONS PG. 12)
TILT UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD
BASE UP/DOWN:
PRESS AND HOLD TO MOVE CHAIR UPWARD OR DOWNWARD
HOME:
RETURNS CHAIR AND BASE TO ORIGINAL ENTRANCE / EXIT POSITION (BACK UP / BASE DOWN) MOMENTARILY PRESS TO ACTIVATE.
BACK UP/DOWN:
PRESS AND HOLD TO MOVE BACK UPWARD OR DOWNWARD
POSITION #2:
MOMENTARILY PRESS TO ACTIVATE (DETAILED INSTRUCTIONS PG. 12)

FIG. 16

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

LIGHT OUTLET

S2601, S2605
115V. CHAIRS



115V MODELS

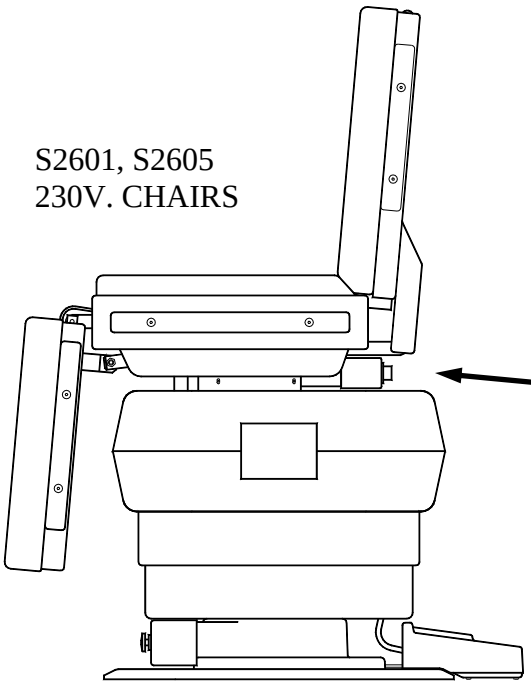
A/C OUTLET SAFETY COVER MUST BE REMOVED TO ACCESS A/C OUTLET. FOR SAFETY, COVER MUST BE REATTACHED AFTER PLUGGING IN LIGHT.

115V MODÈLES

A / C SORTIE COUVERTURE DE SÉCURITÉ DOIVENT ÊTRE ENLEVÉS POUR ACCÉDER À A / C DE SORTIE. POUR DES RAISONS DE SÉCURITÉ, LA COUVERTURE DOIT ÊTRE REMIS EN PLACE APRÈS LE BOUCHAGE À LA LUMIÈRE.

FIG. 17-A

S2601, S2605
230V. CHAIRS



230V MODELS

A SPECIALTY A/C OUTLET IS PROVIDED ON THE TABLE. A MATING PLUG IS SUPPLIED. A QUALIFIED ELECTRICIAN MUST INSTALL THE SUPPLIED PLUG ONTO THE END OF THE LIGHT CORD (IF A LIGHT IS TO BE USED).
THE SAFETY COVER IS NOT REQUIRED ON 230 VOLT MODELS.

230 MODÈLES

UNE SPÉCIALITÉ A / C DE SORTIE EST FOURNI SUR LA TABLE. UN PLUG ACCOUPLEMENT EST FOURNI. UN ÉLECTRICIEN QUALIFIÉ DOIT INSTALLER LE PLUG SUR LA FIN DE LA LUMIÈRE DU CORDON (SI A LA LUMIÈRE DOIT ÊTRE UTILISÉ).
LA COUVERTURE DE SÉCURITÉ N'EST PAS REQUISE SUR LES MODÈLES DE 230 VOLTS.

FIG. 17-B

HEADREST OPERATION

HEADREST INSTALLATION:

FULLY ROTATE THE HEADREST RELEASE KNOB AND PUSH THE BAR INTO THE SLOT.

HEADREST HEIGHT ADJUSTMENT:

TO ADJUST THE HEIGHT OF THE HEADREST, SUPPORT THE HEADREST WITH ONE HAND AND ROTATE RELEASE KNOB WITH THE OTHER. MOVE HEADREST TO DESIRED HEIGHT AND RELEASE THE KNOB. THE HEADREST WILL LOCK IN THE POSITION AND WILL NOT MOVE UNTIL THE RELEASE KNOB IS ROTATED AGAIN.

CAUTION:

IT IS RECOMMENDED THAT THE HEADREST HEIGHT IS ADJUSTED BEFORE LOWERING THE CHAIR BACK.

WHEN HEADREST ADJUSTMENT IS NECESSARY WITH PATIENT SEATED, BE SURE TO SUPPORT THE PATIENT'S HEAD AND NECK AT ALL TIMES WHILE ADJUSTMENT IS BEING DONE.

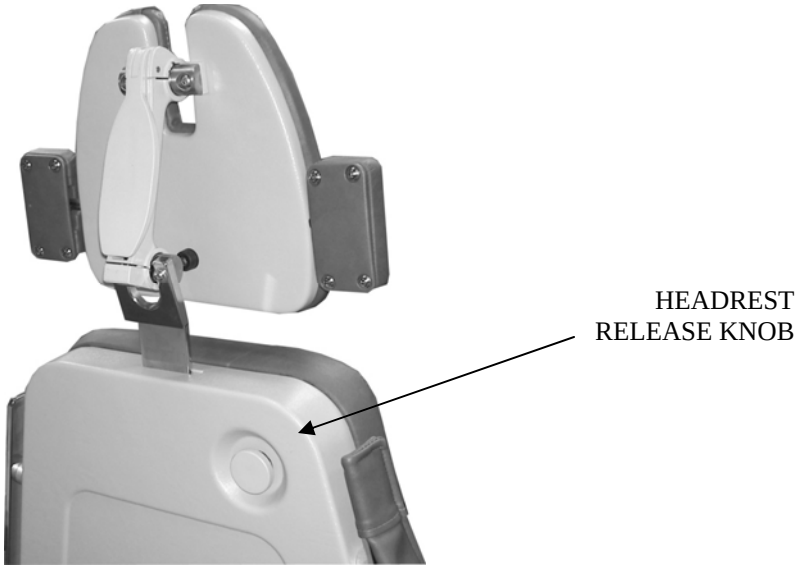


FIG. 19

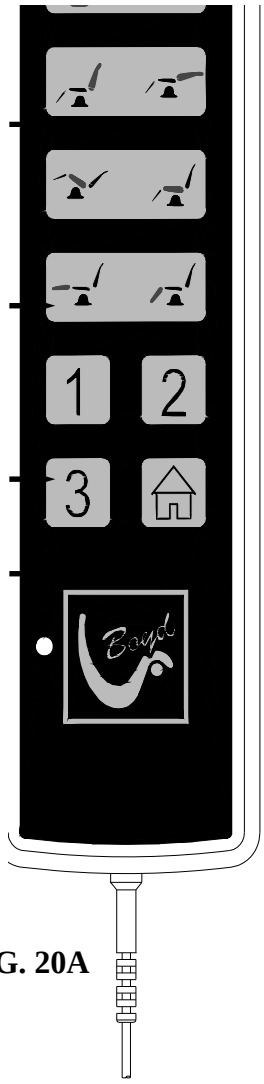
OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

HAND CONTROL
P/N 15-3716

NOTE: CHAIR MOVEMENT CAN BE STOPPED BY MOMENTARILY DEPRESSING ANY HANDSET BUTTON.

HAND CONTROL INSTALLATION:

INSERT THE HAND CONNECTOR INTO THE HAND CONTROL PORT IN THE JUNCTION BOX ON THE CHAIR BASE AS SHOWN. MAKE SURE THE CONNECTOR IS ALL THE WAY IN. FOOTSWITCH MUST BE PLUGGED IN FOR HAND CONTROL TO FUNCTION.



BASE UP/DOWN:
PRESS AND HOLD TO MOVE CHAIR UPWARD OR DOWNWARD

TILT UP/DOWN:
PRESS AND HOLD TO TILT CHAIR UPWARD OR DOWNWARD

POSITION #1:
MOMENTARILY PRESS TO MOVE TO POSITION #1
(SEE SEPARATE INSTRUCTIONS PAGE 12)

POSITION #3:
MOMENTARILY PRESS TO MOVE TO POSITION #3
(SEE SEPARATE INSTRUCTIONS PAGE 12)

BACK UP/DOWN:
PRESS AND HOLD TO MOVE BACK UPWARD OR DOWNWARD

TOE UP/DOWN:
PRESS AND HOLD TO MOVE TOE UPWARD OR DOWNWARD
(ON 2605 OR 2601 TABLES WITH QUAD FUNCTION ONLY)

POSITION #2:
MOMENTARILY PRESS TO MOVE TO

HOME:
RETURNS CHAIR AND BASE TO ORIGINAL ENTRANCE / EXIT POSITION (BACK UP / BASE DOWN/TILT DOWN/TOE DOWN) PRESS ONCE TO ACTIVATE.

FIG. 20A

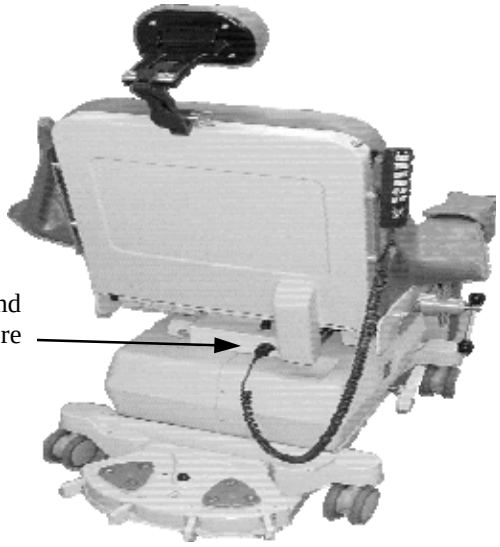


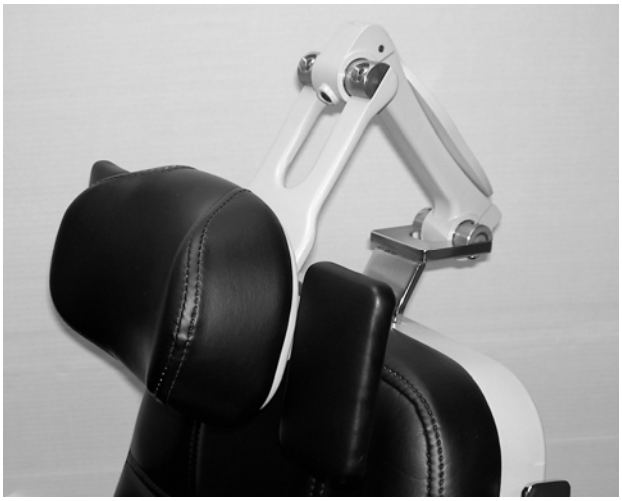
FIG. 20-B

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

HEADREST OPERATION

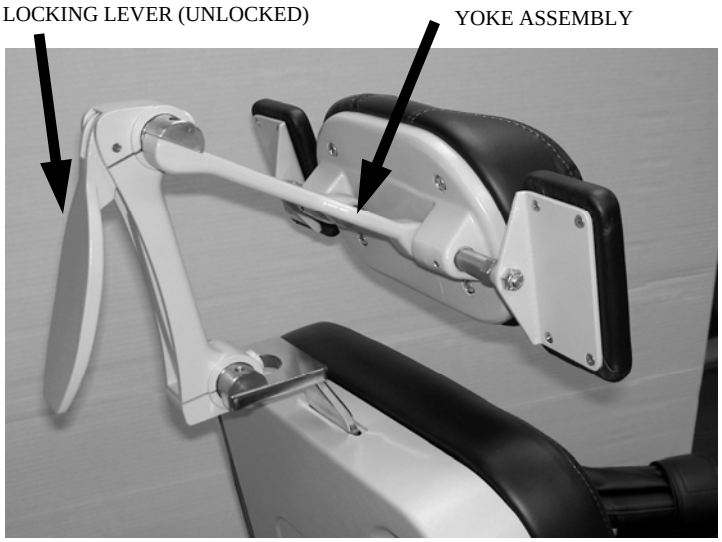
HEADREST ARTICULATION ADJUSTMENT:

FLIP LOCKING LEVER AWAY FROM YOKE ASSEMBLY TO ALLOW HEADREST ARTICULATION. POSITION HEADREST PILLOW TO DESIRED LOCATION. TO LOCK IN POSITION, PUSH LEVER BACK TO ORIGINAL LOCKING POSITION.



HEADREST DROPS OVER BACK OF CHAIR TO ACCOMMODATE SHORTER PATIENTS.

FIG. 20-A



HEADREST FLEXES AND LOCKS IN BACK OR FORWARD POSITION.

FIG. 20-B

LOCKED TENSION ADJUSTMENT

1. RAISE THE LOCKING LEVER TO RELEASE TENSION.
2. TURN TENSION BAR SCREW 1/4 TURN CLOCKWISE TO INCREASE TENSION USING A 3/16" ALLEN WRENCH.
3. PUSH THE LOCKING LEVER IN AND CHECK FOR DESIRED TENSION.
4. REPEAT STEPS 1-3 UNTIL DESIRED SETTING IS OBTAINED.

FIG. 20-C

RELEASED TENSION ADJUSTMENT

EACH END OF THE HEADREST CAN BE INDEPENDENTLY ADJUSTED FOR TENSION WHEN RELEASED.

1. RAISE LOCKING LEVER TO RELEASE TENSION.
2. USE A 3/16" ALLEN WRENCH AND TURN ONE OR BOTH OF THE SHAFT TENSION SCREWS CLOCKWISE TO INCREASE TENSION AND COUNTERCLOCKWISE TO DECREASE TENSION.

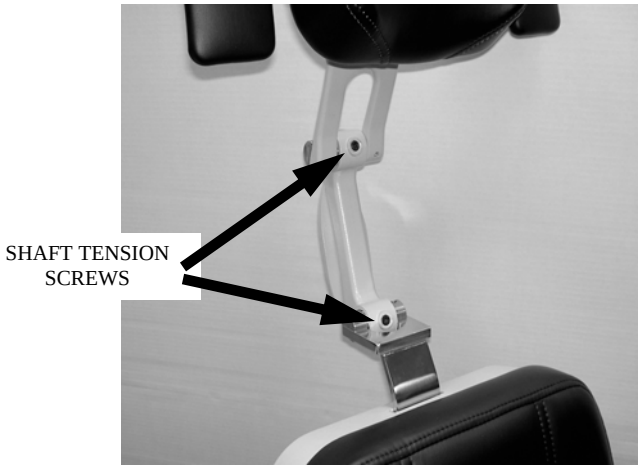


FIG. 20-D

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

PATIENT ARM FUNCTION

FIG. 21

"ON TRACK" RAIL SYSTEM HANDLE

PATIENT ARM HAS BEEN DESIGNED TO MOVE UP AND DOWN, FORWARD AND BACKWARD, AND ROTATE IN AND OUT USING THE ON TRACK RAIL SYSTEM. TO ADJUST ARM, SIMPLY RELEASE THE LOCKING MECHANISM BY TURNING THE HANDLE COUNTER-CLOCKWISE AND ADJUST THE ARM AS DESIRED. TURN THE HANDLE CLOCK-WISE TO LOCK THE ARM IN PLACE.

CAUTION:

DO NOT SIT ON ARMS OR USE THEM TO LIFT OR MOVE CHAIR. DOING SO MAY CAUSE BODILY INJURY AND/OR DAMAGE TO PRODUCT.

6-WAY IV ARM BOARD FUNCTION

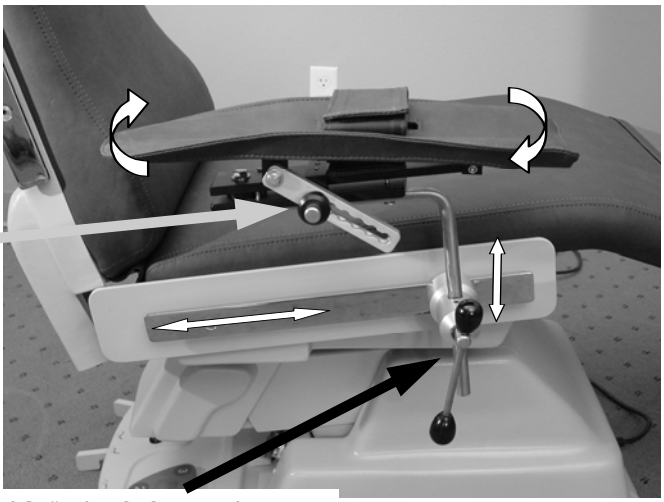


FIG. 22

6-WAY IV ARM BOARD HAS BEEN DESIGNED TO MOVE UP AND DOWN, FORWARD AND BACKWARD, AND ROTATE IN AND OUT USING THE "ON TRACK" RAIL SYSTEM.

TO POSITION ARM FORWARD OR BACKWARD, SIMPLY RELEASE THE LOCKING MECHANISM BY TURNING THE "ON TRACK" RAIL SYSTEM HANDLE COUNTER-CLOCKWISE AND MOVE THE ARM AS DESIRED. TURN THE HANDLE CLOCKWISE TO LOCK THE ARM IN PLACE.

THE 6-WAY ARM ALSO SWIVELS BY FIRMLY GRASPING THE FRONT END OF THE ARM AND ROTATING AWAY FROM THE PATIENT. NO TENSION ADJUSTMENT IS REQUIRED.

TO TILT THE ARM VERTICALLY, LOOSEN THE VERTICAL TILT KNOB COUNTER -CLOCKWISE, RAISE REAR OF ARM BOARD TO DESIRED POSITION, TIGHTEN KNOB CLOCKWISE TO SECURE UNIT.

SECURE PATIENT ARM WITH STRAP.

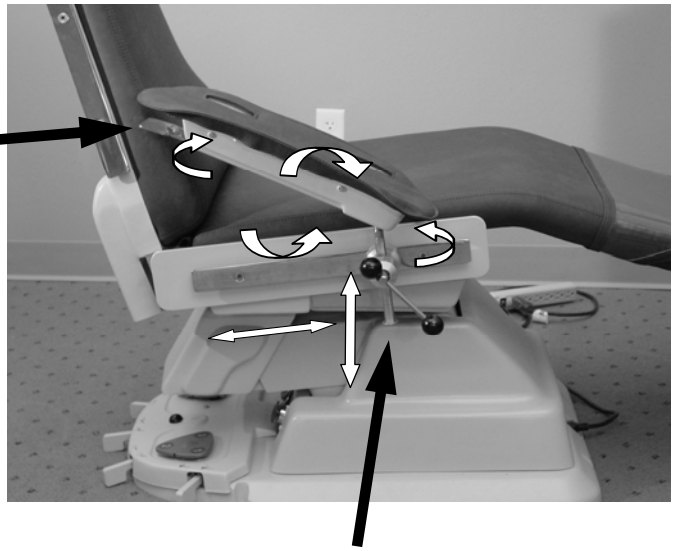
CAUTION:

DO NOT SIT ON ARMS OR USE THEM TO LIFT OR MOVE CHAIR. DOING SO MAY CAUSE BODILY INJURY AND/OR DAMAGE TO PRODUCT.

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

6-WAY PLUS/ 8-WAY PLUS IV ARM BOARD FUNCTION

RELEASE HANDLE



"ON TRACK" RAIL SYSTEM HANDLE

FIG. 23

6-WAY PLUS AND 8-WAY PLUS IV ARM BOARDS HAVE BEEN DESIGNED TO MOVE UP AND DOWN, FORWARD AND BACKWARD, AND ROTATE IN AND OUT USING THE "ON TRACK" RAIL SYSTEM.

TO POSITION THE ARM FORWARD OR BACKWARD, SIMPLY RELEASE THE LOCKING MECHANISM BY TURNING THE "ON TRACK" RAIL SYSTEM HANDLE COUNTER-CLOCKWISE AND MOVE THE ARM AS DESIRED. TURN THE HANDLE CLOCK-WISE TO LOCK THE ARM IN PLACE.

THE 6-WAY PLUS AND 8-WAY PLUS ARMS ALSO SWIVEL AND TILT IN ANY DIRECTION BY SQUEEZING THE RELEASE HANDLE AND ROTATING THE ARM ON THE BALL AND SOCKET JOINT IN ANY POSITION DESIRED. RELEASE THE HANDLE TO LOCK THE ARM IN PLACE.

SECURE PATIENT ARM WITH STRAPS.

CAUTION:

DO NOT SIT ON ARMS OR USE THEM TO LIFT OR MOVE CHAIR. DOING SO MAY CAUSE BODILY INJURY AND/OR DAMAGE TO PRODUCT.

WARNING:

WHEN USING THE AUTO-RETURN FUNCTION OR RAISING THE CHAIR BACK, YOU MUST SWIVEL THE BACK OF THE IV ARM BOARDS AND OTHER ACCESSORIES OUT OF THE WAY. ALL RAIL MOUNTED ACCESSORIES TO BE PARALLEL TO THE SIDE WHEN RETURNING THE BACK OF THE CHAIR.
DAMAGE TO THE CHAIR OR UPHOLSTERY COULD OCCUR IF THEY ARE LEFT IN THE SURGICAL POSITION

OPERATING YOUR SURGERY CHAIR/ TABLE (CONTINUED)

8-WAY PLUS IV ARM BOARD MOUNTING

NOTE:
THE 6-WAY PLUS IV BOARD IS 19" LONG
THE 8-WAY PLUS IV ARM BOARD IS 24" LONG (SHOWN)

RECOMMENDED MOUNT POSITION
FOR 8-WAY PLUS IV ARM

FIG. 24

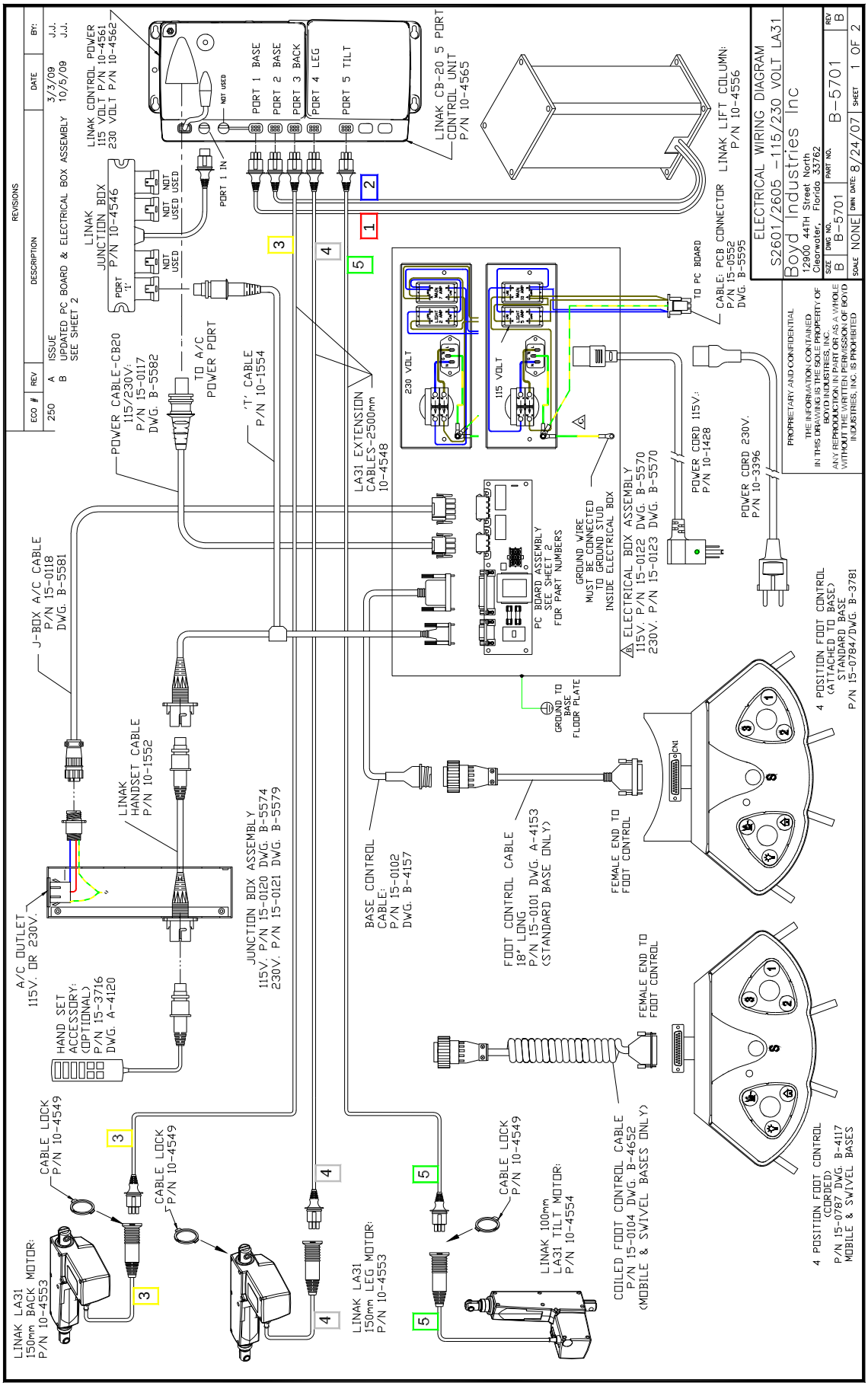
ARM BOARD
RELEASE HANDLE

CAUTION: ATTENTION :

DO NOT SIT ON ARMS OR USE THEM TO LIFT OR MOVE CHAIR. DOING SO MAY CAUSE BODILY INJURY AND/OR DAMAGE TO PRODUCT.

NE VOUS REPOSEZ PAS SUR DES BRAS OU NE LES EMPLOYEZ PAS POUR SOULEVER OU DÉPLACER LA CHAISE. FAIRE AINSI PEUT ENDOMMAGER DES DOMMAGES ET/OU CORPORELS LE PRODUIT.

WARNING: AVERTISSEMENT


ELECTRICAL WIRING DIAGRAM
S2601/2605 -115/230 VOLT LA31
Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762
B-5701
LINAK CONTROL POWER
115 VOLT P/N 10-4561
230 VOLT P/N 10-4562
LINAK CB-20 5 PORT
CONTROL UNIT
P/N 10-4565
LINAK LIFT COLUMN:
P/N 10-4556
LINAK
JUNCTION BOX
P/N 10-4546
PORT 1 BASE
PORT 2 BASE
PORT 3 BACK
PORT 4 LEG
PORT 5 TILT
PORT 1 IN
NOT USED
POWER CABLE-CB20
115/230V:
P/N 15-0117
DWG. B-5582
TO A/C
POWER PORT
'T' CABLE
P/N 10-1554
LA31 EXTENSION
CABLES-2500mm
10-4548
CABLE: PCB CONNECTOR
P/N 15-0552
DWG. B-5595
TO PC BOARD
230 VOLT
115 VOLT
PC BOARD ASSEMBLY
SEE SHEET 2
FOR PART NUMBERS
GROUND WIRE
MUST BE CONNECTED
TO GROUND STUD
INSIDE ELECTRICAL BOX
ELECTRICAL BOX ASSEMBLY
115V. P/N 15-0122 DWG. B-5570
230V. P/N 15-0123 DWG. B-5570
POWER CORD 115V:
P/N 10-1428
POWER CORD 230V.
P/N 10-3396
J-BOX A/C CABLE
P/N 15-0118
DWG. B-5581
LINAK
HANDSET CABLE
P/N 10-1552
A/C OUTLET
115V. OR 230V.
HAND SET
ACCESSORY:
(OPTIONAL)
P/N 15-3716
DWG. A-4120
JUNCTION BOX ASSEMBLY
115V. P/N 15-0120 DWG. B-5574
230V. P/N 15-0121 DWG. B-5579
BASE CONTROL
CABLE:
P/N 15-0102
DWG. B-4157
FOOT CONTROL CABLE
18" LONG
P/N 15-0101 DWG. A-4153
(STANDARD BASE ONLY)
FEMALE END TO
FOOT CONTROL
GROUND TO
BASE
FLOOR PLATE
4 POSITION FOOT CONTROL
(ATTACHED TO BASE)
STANDARD BASE
P/N 15-0784/DWG. B-3781
CABLE LOCK
P/N 10-4549
LINAK LA31
150mm BACK MOTOR:
P/N 10-4553
LINAK LA31
150mm LEG MOTOR:
P/N 10-4553
LINAK 100mm
LA31 TILT MOTOR:
P/N 10-4554
COILED FOOT CONTROL CABLE
P/N 15-0104 DWG. B-4652
(MOBILE & SWIVEL BASES ONLY)
4 POSITION FOOT CONTROL
(CORDED)
P/N 15-0787 DWG. B-4117
MOBILE & SWIVEL BASES
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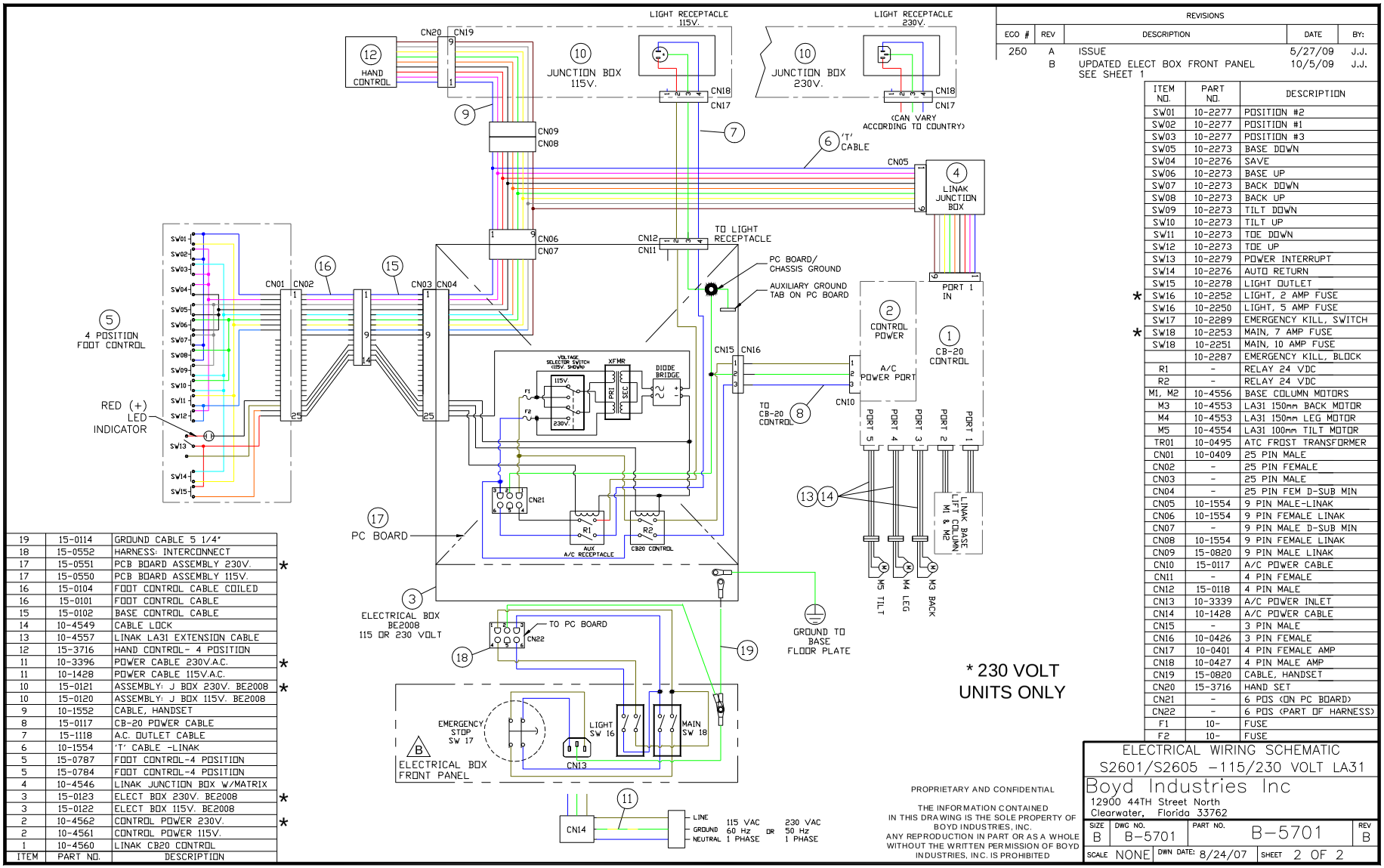
INDUSTRIES, INC. IS PROHIBITED
REVISIONS
ECO # 250
REV A ISSUE
B UPDATED PC BOARD & ELECTRICAL BOX ASSEMBLY
SEE SHEET 2
DATE 3/3/09 10/5/09
BY: J.J. J.J.
SIZE B
DWG NO. B-5701
PART NO. B-5701
REV B
SCALE NONE
DWN DATE: 8/24/07
SHEET 1 OF 2



ITEM	PART NO.	DESCRIPTION	
19	15-0114	GROUND CABLE 5 1/4"	
18	15-0552	HARNESS: INTERCONNECT	
17	15-0551	PCB BOARD ASSEMBLY 230V.	*
17	15-0550	PCB BOARD ASSEMBLY 115V.	
16	15-0104	FOOT CONTROL CABLE COILED	
16	15-0101	FOOT CONTROL CABLE	
15	15-0102	BASE CONTROL CABLE	
14	10-4549	CABLE LOCK	
13	10-4557	LINAK LA31 EXTENSION CABLE	
12	15-3716	HAND CONTROL- 4 POSITION	
11	10-3396	POWER CABLE 230V.A.C.	*
11	10-1428	POWER CABLE 115V.A.C.	
10	15-0121	ASSEMBLY: J BOX 230V. BE2008	*
10	15-0120	ASSEMBLY: J BOX 115V. BE2008	
9	10-1552	CABLE, HANDSET	
8	15-0117	CB-20 POWER CABLE	
7	15-1118	A.C. OUTLET CABLE	
6	10-1554	'T' CABLE -LINAK	
5	15-0787	FOOT CONTROL-4 POSITION	
5	15-0784	FOOT CONTROL-4 POSITION	
4	10-4546	LINAK JUNCTION BOX W/MATRIX	
3	15-0123	ELECT BOX 230V. BE2008	*
3	15-0122	ELECT BOX 115V. BE2008	
2	10-4562	CONTROL POWER 230V.	*
2	10-4561	CONTROL POWER 115V.	
1	10-4560	LINAK CB20 CONTROL	

REVISIONS				
ECO #	REV	DESCRIPTION	DATE	BY:
250	A	ISSUE	5/27/09	J.J.
	B	UPDATED ELECT BOX FRONT PANEL SEE SHEET 1	10/5/09	J.J.

	ITEM NO.	PART NO.	DESCRIPTION
	SW01	10-2277	POSITION #2
	SW02	10-2277	POSITION #1
	SW03	10-2277	POSITION #3
	SW05	10-2273	BASE DOWN
	SW04	10-2276	SAVE
	SW06	10-2273	BASE UP
	SW07	10-2273	BACK DOWN
	SW08	10-2273	BACK UP
	SW09	10-2273	TILT DOWN
	SW10	10-2273	TILT UP
	SW11	10-2273	TOE DOWN
	SW12	10-2273	TOE UP
	SW13	10-2279	POWER INTERRUPT
	SW14	10-2276	AUTO RETURN
	SW15	10-2278	LIGHT OUTLET
*	SW16	10-2252	LIGHT, 2 AMP FUSE
	SW16	10-2250	LIGHT, 5 AMP FUSE
	SW17	10-2289	EMERGENCY KILL, SWITCH
*	SW18	10-2253	MAIN, 7 AMP FUSE
	SW18	10-2251	MAIN, 10 AMP FUSE
		10-2287	EMERGENCY KILL, BLOCK
	R1	-	RELAY 24 VDC
	R2	-	RELAY 24 VDC
	M1, M2	10-4556	BASE COLUMN MOTORS
	M3	10-4553	LA31 150mm BACK MOTOR
	M4	10-4553	LA31 150mm LEG MOTOR
	M5	10-4554	LA31 100mm TILT MOTOR
	TR01	10-0495	ATC FROST TRANSFORMER
	CN01	10-0409	25 PIN MALE
	CN02	-	25 PIN FEMALE
	CN03	-	25 PIN MALE
	CN04	-	25 PIN FEM D-SUB MIN
	CN05	10-1554	9 PIN MALE-LINAK
	CN06	10-1554	9 PIN FEMALE LINAK
	CN07	-	9 PIN MALE D-SUB MIN
	CN08	10-1554	9 PIN FEMALE LINAK
	CN09	15-0820	9 PIN MALE LINAK
	CN10	15-0117	A/C POWER CABLE
	CN11	-	4 PIN FEMALE
	CN12	15-0118	4 PIN MALE
	CN13	10-3339	A/C POWER INLET
	CN14	10-1428	A/C POWER CABLE
	CN15	-	3 PIN MALE
	CN16	10-0426	3 PIN FEMALE
	CN17	10-0401	4 PIN FEMALE AMP
	CN18	10-0427	4 PIN MALE AMP
	CN19	15-0820	CABLE, HANDSET
	CN20	15-3716	HAND SET
	CN21	-	6 POS (ON PC BOARD)
	CN22	-	6 POS (PART OF HARNESS)
	F1	10-	FUSE
	F2	10-	FUSE

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ELECTRICAL WIRING SCHEMATIC
S2601/S2605 -115/230 VOLT LA31

Boyd Industries Inc
12900 44TH Street North
Clearwater, Florida 33762

SIZE	DWG NO.	PART NO.	REV
B	B-5701	B-5701	B
SCALE NONE	DWN DATE: 8/24/07	SHEET 2 OF 2	

PARTS BREAKDOWN: S2601 QUAD FUNCTION TABLE
P/N 95-2601-LA31 DRAWING B-5495-B

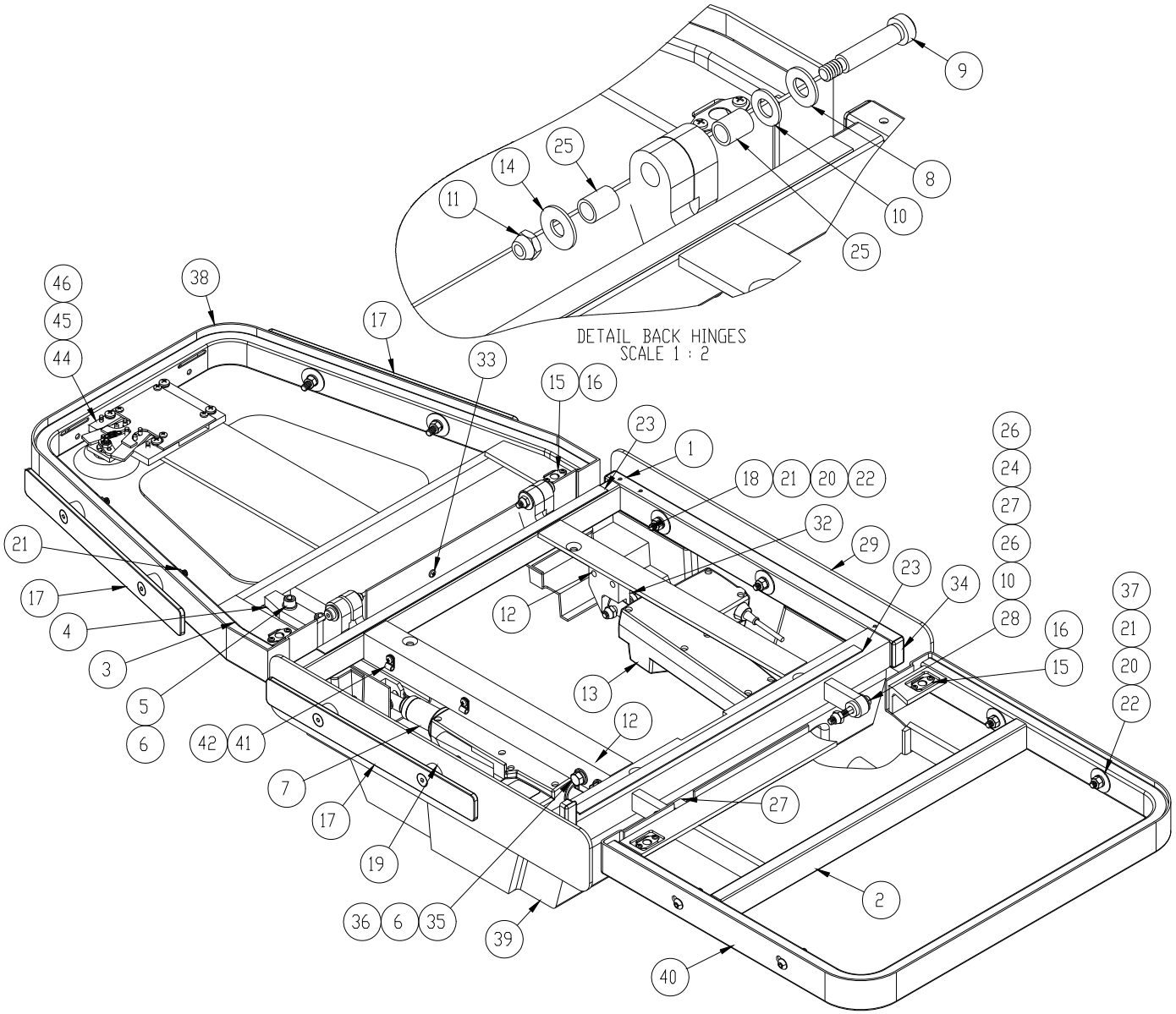


FIG. 27

PARTS BREAKDOWN: S2601 QUAD FUNCTION TABLE
P/N 95-2601-LA31 DRAWING B-5495-B

46	59-7065		LOCKWASHER .25 HEL SPRING	4
45	59-4831		PHIL PAN .25-20 X .75	4
44	95-1400	B-5663	ASSEMBLY HR MECH 2008 (KNOB)	1
43	59-2007		HEX NUT 10-24 + STARWASHER	1
42	59-4839		PHIL PAN 10-24 X .50	3
41	10-3432		CABLE CLAMP .187	3
40	50-0937		COVER, 2601 TOE LA31	1
39	50-0936	D-5698	COVER, 2601 SEAT FRAME	1
38	50-0935	D-5668	COVER, 2601 BACK FRAME LA31	1
37	59-3856		BUT HD .312-18 X 1.5	4
36	59-7062		WASHER, FLAT .375	4
35	59-1859		HEX HD .375-16 X .75	4
34	50-2194		TUBE CAP .75 X 1.5	4
33	59-4818		PHIL PAN 10-24 X .50 TYPE 'F'	7
32	59-1963		SHOULD SCR 10mm X 30mm	2
31	59-2023		HEX NYLOK - M8	2
30	59-1960		SHOULD SCR 10mm X 25mm	1
29	91-6198	A-5881	SIDE PANEL	2
28	59-3925		SOC HD .312-18 X 2.25	2
27	59-2027		HEX NUT .375-16 NYLOK	3
26	50-2175		NYL WASHER .75 X .375 X .20	2
25	60-3763		BRONZE BUSHING .50 X .375 X .625	4
24	60-3765		bushing, .377 X .50 X 50	2
23	55-0311		VELCRO HOOK TAPE 1 inch	2
22	59-7049		WASHER, FENDER .312 X 1.25	12
21	59-2020		HEX NUT .312-18	12
20	59-7066		LOCKWASHER .312 HEL SPRING	12
19	90-0992		RAIL SPACER	8
18	59-3911		SOC FLT .312-18 X 2.25 S.S.	8
17	93-6155	B-0627	RAIL BACK 14.00	4
16	59-4827		PHIL PAN 8-32 X .50	8
15	60-3164	A-5801	SPRING CLIP	4
14	59-7061		WASHER, FLAT .312	4
13	10-4553		LA31-150mm ASSEMBLY LEG 2601	1
12	91-1042	A-5484	MOTOR MNT LEG-LINAK LA31	2
11	59-2021		HEX NUT .312-18 NYLOK	2
10	50-2176		WASHER, NYL .75 X .3790 X .063	4
9	59-1962		SHOULD SCR .375 X 1.50	2
8	59-7059		WASHER, FLAT .375 SAE	2
7	10-4553		LA31-150mm ASSEMBLY BACK 2601	1
6	59-7067		LOCKWASHER .375	6
5	59-3920		SOC HD .375-16 X 1	2
4	93-1039	B-5480	ACTUATOR TAB, BACK FRAMES	1
3	91-1052	B-5583	WELDMENT 2601 BACK FR- LA31	1
2	91-1048	C-5500	WELDMENT 2601 LEG FRAME LA31	1
1	91-1046	C-5497	WELDMENT 2601 SEAT FR LA31	1
ITEM	PART NO	DWG NO	DESCRIPTION	QTY

PARTS BREAKDOWN: S-2605 QUAD FUNCTION TABLE
P/N 95-2605-LA31 DRAWING B-5496-B

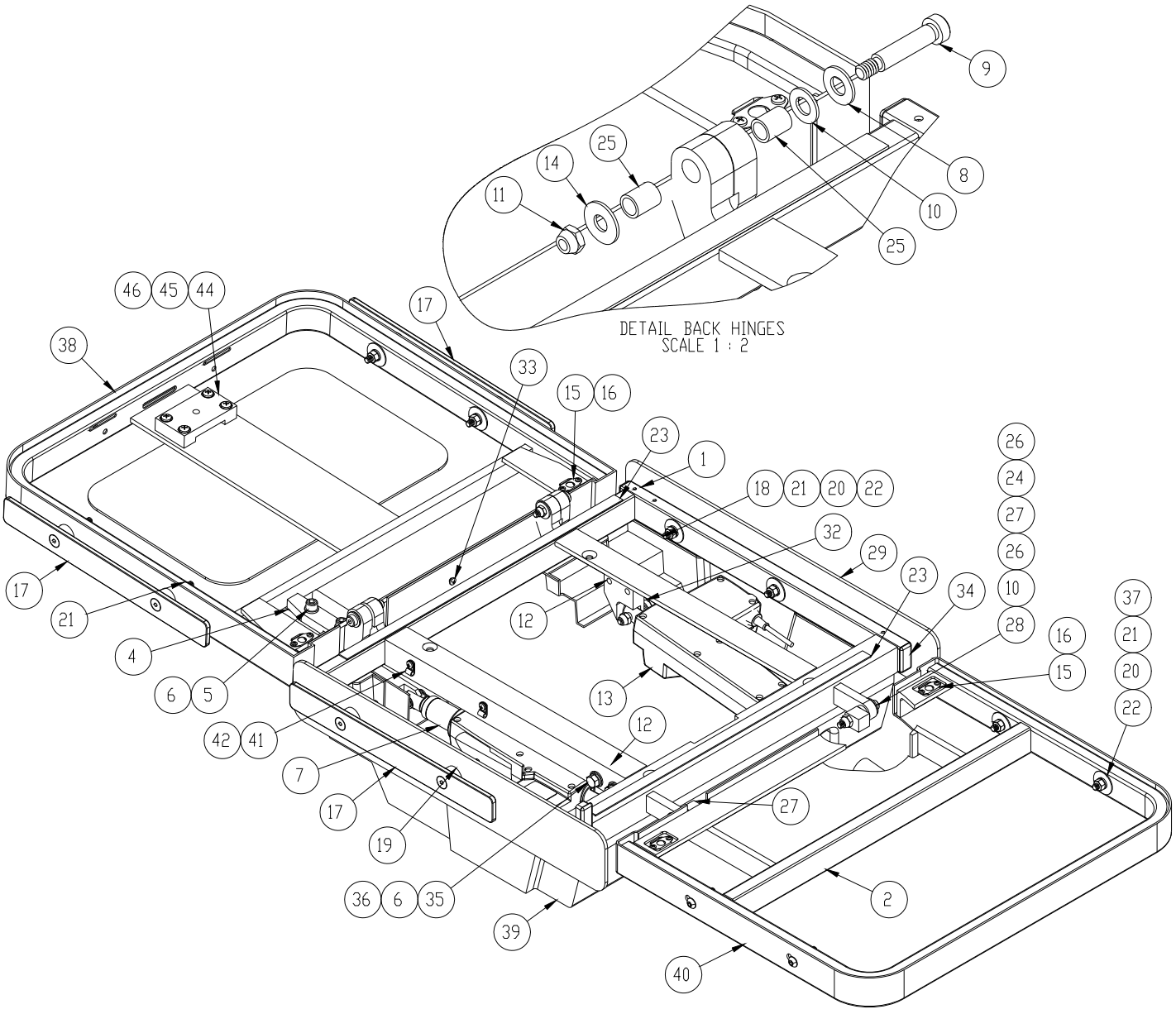


FIG. 29

PARTS BREAKDOWN: S2605 QUAD FUNCTION TABLE
P/N 95-2605-LA31 DRAWING B-5496-B

ITEM	PART NO	DWG NO	DESCRIPTION	QTY
48	90-2020	A-5027	KNOB, BLACK W-PLASTIC INSERT	1
47	50-2172		WASHER, NYL .74 X .50 X 125	1
46	59-7065		LOCKWASHER .25 HEL SPRING	4
45	59-4833		PHIL PAN .25-20 X 1.00	4
44	90-1059	A-0119	HEADREST BLOCK, THICK	1
43	59-2007		HEX NUT 10-24 + STARWASHER	1
42	59-4839		PHIL PAN 10-24 X .50	3
41	10-3432		CABLE CLAMP .187	3
40	50-0937		COVER, 2601 TOE LA31	1
39	50-0936	D-5698	COVER, 2601 SEAT FRAME	1
38	50-0818	D-3868	COVER, 2605 BACK FRAME	1
37	59-3856		BUT HD .312-18 X 1.5	4
36	59-7062		WASHER, FLAT .375	4
35	59-1859		HEX HD .375-16 X .75	4
34	50-2194		TUBE CAP .75 X 1.5	4
33	59-4818		PHIL PAN 10-24 X .50 TYPE 'F'	7
32	59-1963		SHOULD SCR 10mm X 30mm	2
31	59-2023		HEX NYLOK - M8	2
30	59-1960		SHOULD SCR 10mm X 25mm	1
29	91-6198	A-5881	SIDE PANEL	2
28	59-3925		SOC HD .312-18 X 2.25	2
27	59-2027		HEX NUT .375-16 NYLOK	3
26	50-2175		NYL WASHER .75 X .375 X .20	2
25	60-3763		BRONZE BUSHING .50 X .375 X .625	4
24	60-3765		bushing, .377 X .50 X 50	2
23	55-0311		VELCRO HOOK TAPE 1 inch	2
22	59-7049		WASHER, FENDER .312 X 1.25	12
21	59-2020		HEX NUT .312-18	12
20	59-7066		LOCKWASHER .312 HEL SPRING	12
19	90-0992		RAIL SPACER	8
18	59-3911		SOC FLT .312-18 X 2.25 S.S.	8
17	93-6155	B-0627	RAIL BACK 14.00	4
16	59-4827		PHIL PAN 8-32 X .50	8
15	60-3164	A-5801	SPRING CLIP	4
14	59-7061		WASHER, FLAT .312	4
13	10-4553		LA31-150mm ASSEMBLY LEG 2601	1
12	91-1042	A-5484	MOTOR MNT LEG-LINAK LA31	2
11	59-2021		HEX NUT .312-18 NYLOK	2
10	50-2176		WASHER, NYL .75 X .3790 X .063	4
9	59-1962		SHOULD SCR .375 X 1.50	2
8	59-7059		WASHER, FLAT .375 SAE	2
7	10-4553		LA31-150mm ASSEMBLY BACK 2601	1
6	59-7067		LOCKWASHER .375	6
5	59-3920		SOC HD .375-16 X 1	2
4	93-1039	B-5480	ACTUATOR TAB, BACK FRAMES	1
3	91-1056	B-5584	WELDMENT: 2605 BACK FR- LA31	1
2	91-1048	C-5500	WELDMENT 2601 LEG FRAME LA31	1
1	91-1046	C-5497	WELDMENT 2601 SEAT FR LA31	1

PARTS BREAKDOWN: BE2008 STANDARD BASE ASSEMBLY
P/N 68-2610 115 VOLT
P/N 68-2611 230 VOLT
REF. DRAWING B-5590

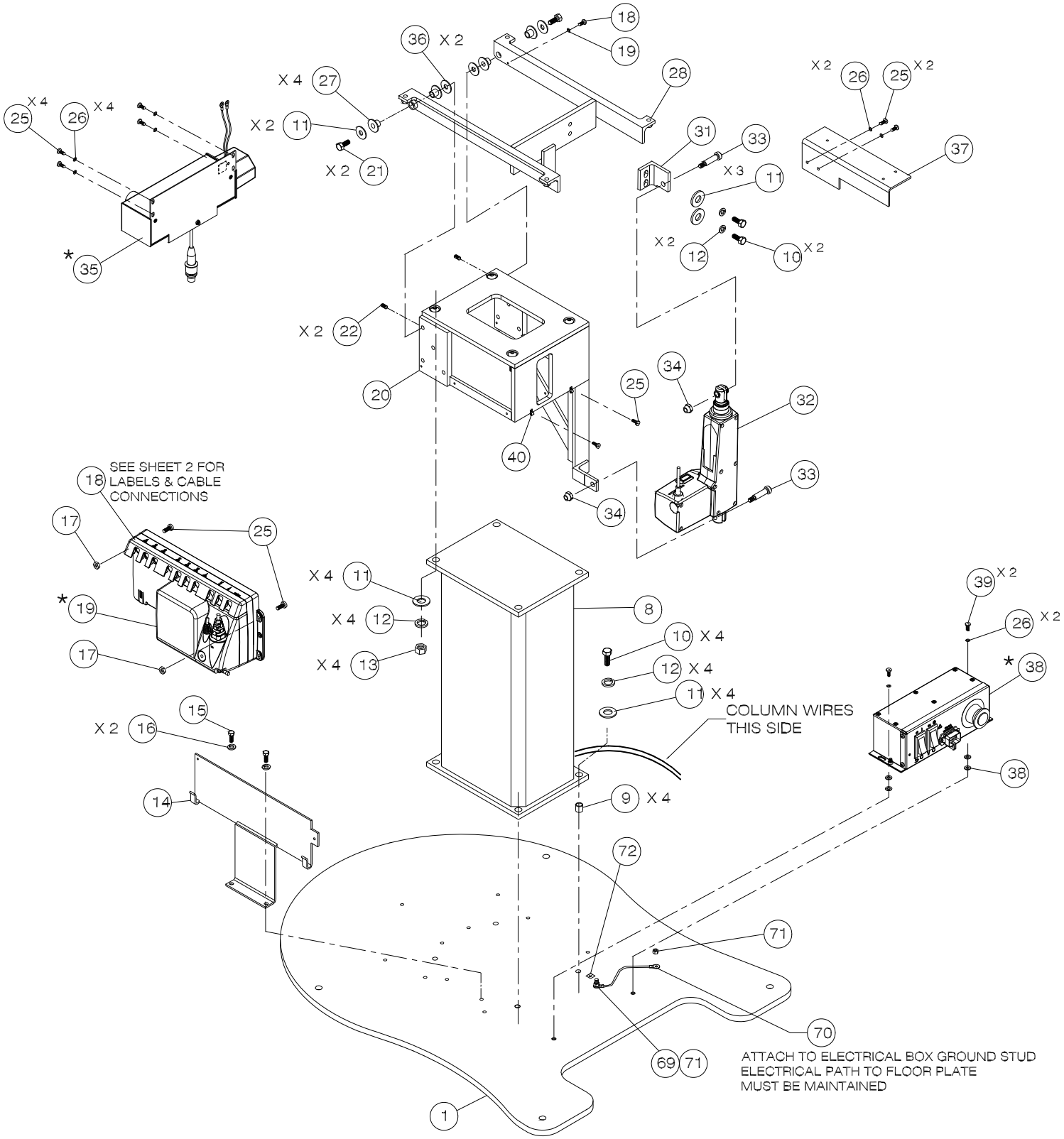

SEE SHEET 2 FOR LABELS & CABLE CONNECTIONS
COLUMN WIRES THIS SIDE
ATTACH TO ELECTRICAL BOX GROUND STUD
ELECTRICAL PATH TO FLOOR PLATE
MUST BE MAINTAINED

FIG 31

PARTS BREAKDOWN: BE2008 STANDARD BASE ASSEMBLY
P/N 68-2610 115 VOLT
P/N 68-2611 230 VOLT
REF. DRAWING B-5590

* FOR 220 VOLT UNITS

	ITEM	QTY	PT NO	DWG NO	DESCRIPTION
	40	2	10-3408		CABLE CLAMP- NYL 1/2"
	39	10	59-4859		PHIL PAN: #10-24 X 3/8
*	38	1	15-0123	B-5570	ASSY: ELECT BOX-BE2008 LA31 220 V.
	38	1	15-0122	B-5570	ASSY: ELECT BOX-BE2008 LA31 115 V.
	37	1	91-9172	B-5601	MOUNT ANGLE: CABLE CARRIER BE2008
	36	2	50-2176		WASHER NYL: 3/8 X 1/16 THR
*	35	1	15-0121	B-5574	ASSY: JUNCT BOX-BE 2008 LA31 220 V.
	35	1	15-0120	B-5574	ASSY: JUNCT BOX-BE 2008 LA31 115 V.
	34	2	59-2023		HEX NUT: M8 NYLOCK
	33	2	59-1960		SHOULD SCR: 10MM x 25MM
	32	1	10-4554	B-5314	TILT MOTOR: LINAK LA31- 100 MM
	31	1	91-1190	A-5535	ANGLE: TILT MOTOR BE2008 LA31
	30				
	29	4	59-4874		PHIL PAN: M6 X 8mm
	28	1	91-1049	B-5501	WELDMENT: TILT FRAME BE2008 LA31
	27	4	50-2184		BUSHING FLANGED: NYL-3/8 x 1/2
	26	11	59-7057		LOCKWASHER: #10 EXT. TOOTH
	25	24	59-4839		PAN HD: #10-24 x 1/2
	24				
	23	4	59-4898		PHIL FLT: #10-24 x 1
	22	2	59-5980		SETSCR: 1/4-20 x 1/4 BRASS TIP
	21	2	59-1862		HEX HD: 3/8-16 x 1 1/2
	20	1	91-1185	B-5530	WELDMENT: UPPER FRAME BE2008 LA31
*	19	1	10-4562		CONTROL POWER 220V.
	19	1	10-4561		CONTROL POWER 115V.
	18	1	10-4565		CU20 CONTROL UNIT 5 PORT MODE 'B'
	17	6	59-2007		NUT: 10-24 WITH STARWASHER
	16	10	59-7065		LOCKWASHER: 1/4 -HEL SPRING
	15	6	59-1834		HEX HD: 1/4-20 x 1/2
	14	1	91-0813	D-3764	BRACKET: CB-14 MOUNTNG-BE2000
	13	4	59-2025		NUT: HEX, 3/8-16
	12	10	59-7067		WASHER: LOCK, 3/8"
	11	13	59-7062		WASHER: FLAT, 3/8"
	10	6	59-1860		HEX HD: 3/8-16 x 1
	9	4	60-3764		BRONZE BUSHING:.5 X .377 X .375
	8	1	10-4557	B-5314	LIFT COLUMN-LINAK (LA31)
	7				
	6				
	5				
	4				
	3				
	2				
	1	1	91-0911	B-4527	FLOOR PLATE: BE2002 STD

PARTS BREAKDOWN: BE2008 STANDARD BASE ASSEMBLY
P/N 68-2610 115 VOLT
P/N 68-2611 230 VOLT
REF. DRAWING B-5590

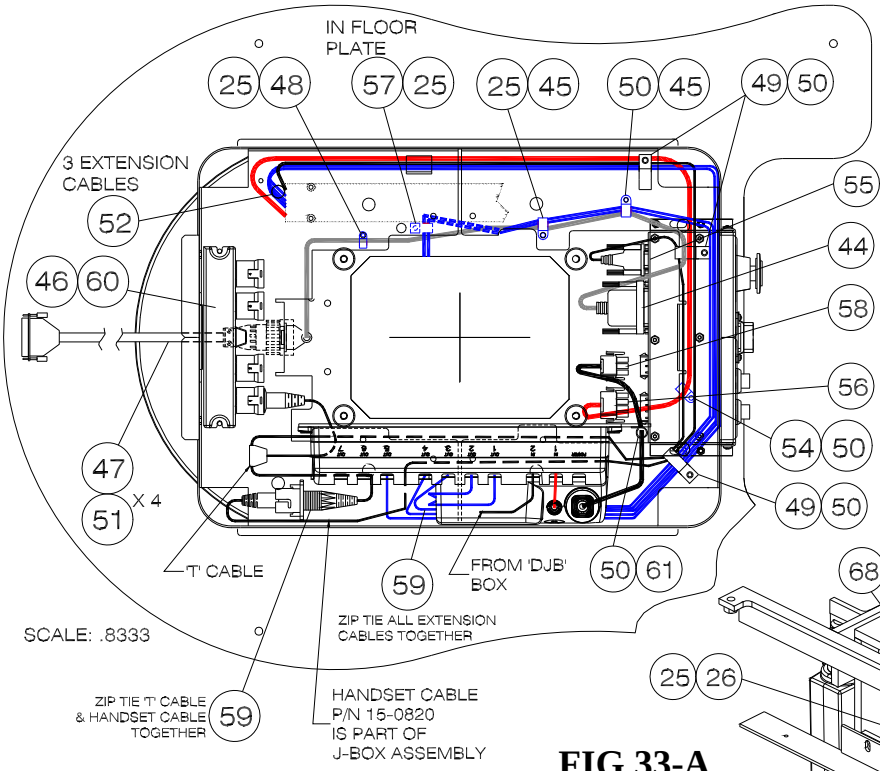


FIG 33-A

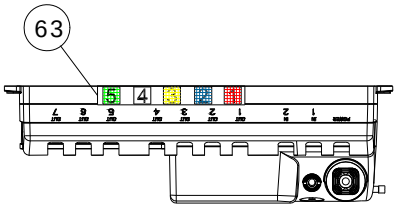


FIG 33-B

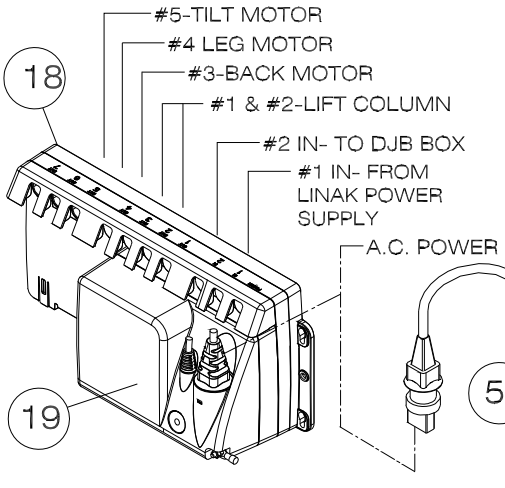


FIG 33-C

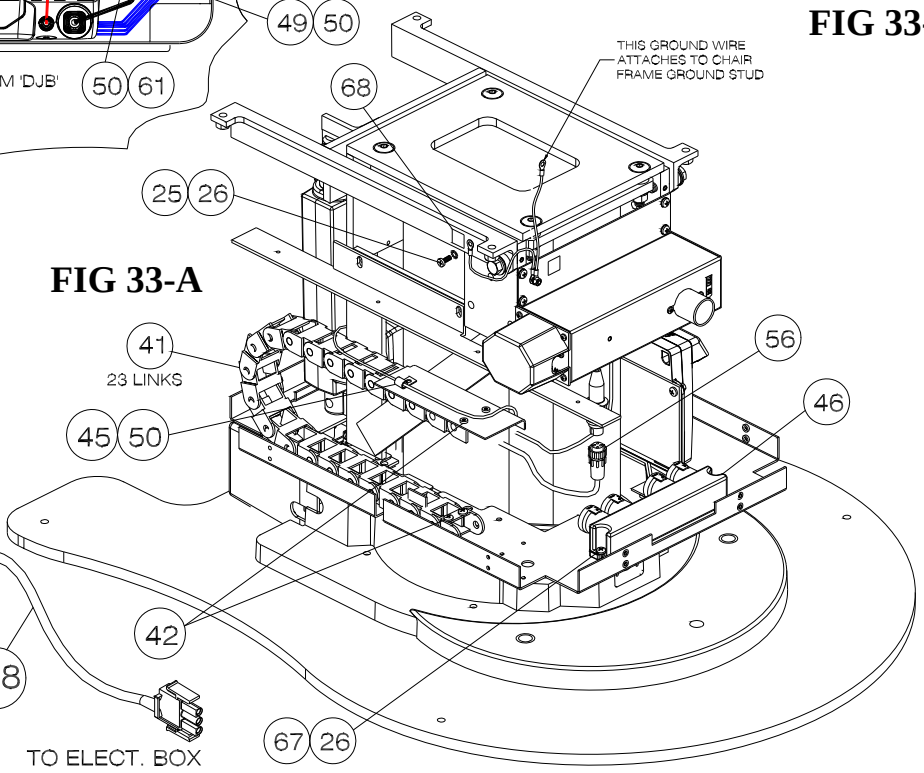


FIG 33-D

PARTS BREAKDOWN: BE2008 STANDARD BASE ASSEMBLY
P/N 68-2610 115 VOLT
P/N 68-2611 230 VOLT
REF. DRAWING B-5590

74				
73				
72	1	60-1688		DECAL: EARTH GROUND
71	2	59-2007		HEX NUT: 10-24 W/STARWASHER
70	1	15-0114	A-3530	GROUNDING CABLE: 5-1/4"
69	1	60-1127		GROUND STUD: 10-24 X 1 S.S.
68	1	60-1689		DECAL: EARTH GROUND SECONDARY
67	2	59-4819		PHIL PAN:#10-24 X 3/4 TYPE 'F'
66	1	60-1450-4		MARKER: CABLE WHITE
65	1	60-1450-2		MARKER: CABLE BLUE
64	1	60-1450-1		MARKER: CABLE RED
63	1	60-1450	A-4714	LABEL: COLOR CODING
62	4	59-1765		ANCHOR BOLT: 1/4 X 2-1/16
61	1	10-3525		CABLE CLAMP: 3/8" SCREW MOUNT
60	2	59-4859		PHIL PAN: #10-24 X 3/8
59	2	10-3422		ZIP TIE: 11 1/2"
58	1	15-0117	B-5582	A.C. POWER CABLE: CB20 BE2008
57	1	10-3528		CABLE CLAMP: 1/2" SCREW MOUNT
56	1	15-0118	B-5581	AC RECEPT CABLE 115V BE2008
55	1	10-1554	A-4084	'T' CABLE
54	1	10-3407		CABLE CLAMP: NYL 3/8"
53	1	60-1451	A-5617	LABEL: CB20 CONTROL BOX I.D.
52	3	10-4548		EXTENSION CABLE 2500mm
51	4	59-4814		PHIL PAN: #4-40 X 1/2
50	6	59-4818		PHIL PAN: #10-24 X 1/2 'F'
49	3	10-3529		CABLE CLAMP: 3/4" SCREW MOUNT
48	1	10-3403		CABLE CLAMP-NYL 1/4"
47	1	15-0101	A-4153	CABLE: CONTROL- BE2000 MOBILE
46	1	10-4546	B-5314	LINAK DJB WITH BOYD MATRIX
45	3	10-3408		CABLE CLAMP-NYL 1/2"
44	1	15-0102	B-4157	CABLE: CONTROL- BE2000 MOBILE
43	2	10-3421		ZIP TIE: NYLON 5 3/4"
42	4	59-4787		PAN HD: #8-32 x 1-1/4
41	1	10-3523		CABLE CARRIER-GORTRAC K20-4
ITEM	QTY	PT NO	DWG NO	DESCRIPTION

PARTS BREAKDOWN: BE2008 STANDARD BASE ASSEMBLY
P/N 68-2610 115 VOLT
P/N 68-2611 230 VOLT
REF. DRAWING B-5590

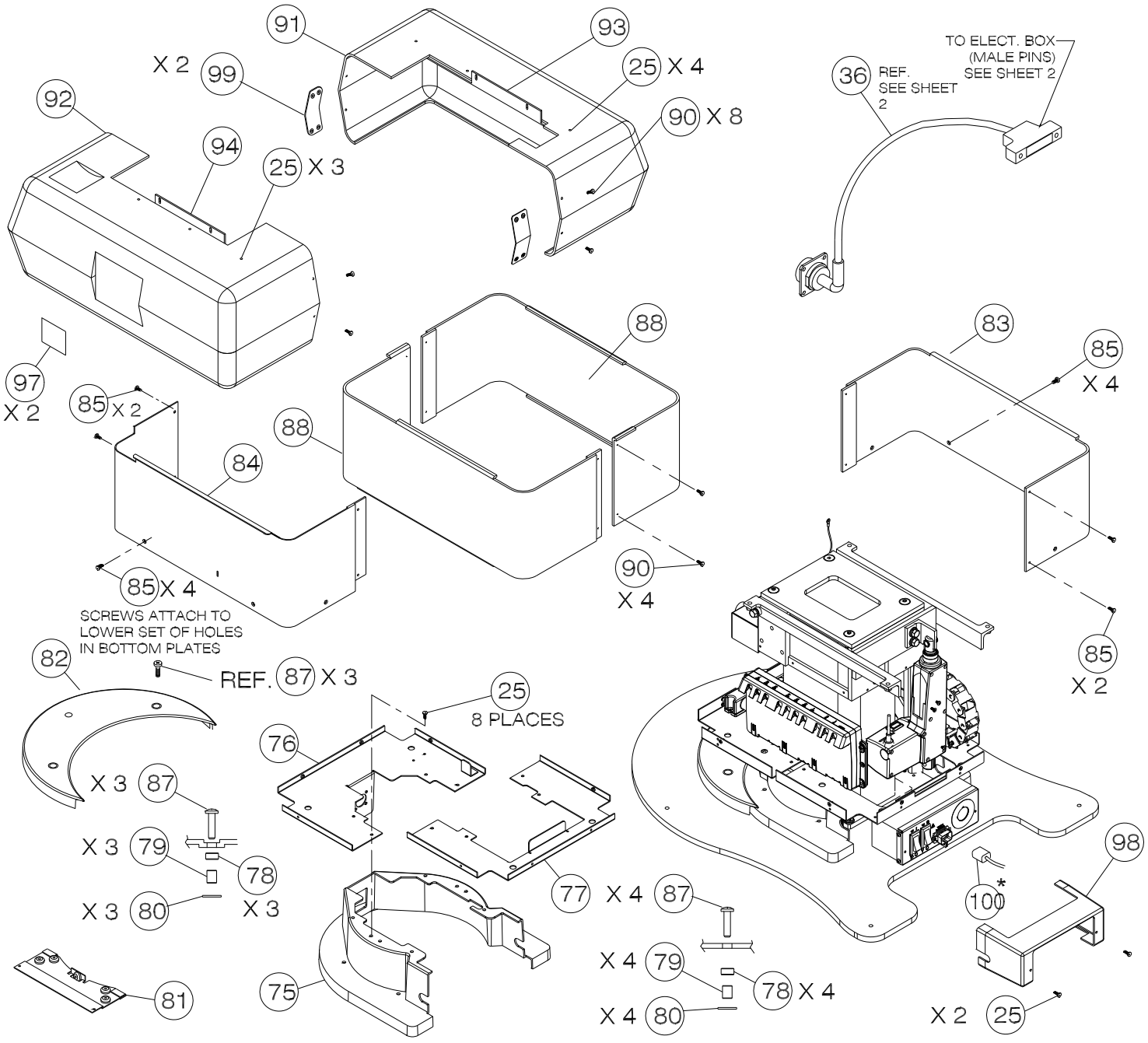


FIG 35

PARTS BREAKDOWN: BE2008 STANDARD BASE ASSEMBLY
P/N 68-2610 115 VOLT
P/N 68-2611 230 VOLT
REF. DRAWING B-5590

* FOR 220 VOLT UNITS

* 100	1	10-3396		POWER CORD: A.C. 220 VOLT
100	1	10-1428	B-4607	POWER CORD: A.C. 115 VOLT
99	2	93-1981	A-5277	STRAP; BE UPPER TELESCOP COVER
98	1	50-0816	C-3858	COVER: ELECT. BOX - BE2000
97	2	60-1593	A-4077	LABEL: BOYD LOGO
96				
95				
94	1	91-0763	B-3854	MOUNT ANGLE: OUTER COVER-RIGHT
93	1	91-0764	B-3854	MOUNT ANGLE: OUTER COVER-LEFT
92	1	50-0815	D-3853	COVER: OUTER, TELESCOPING-RIGHT
91	1	50-0874	D-5603	COVER: OUTER, TELES-LEFT BE2008
90	12	59-4829		PHIL PAN: #8-32 x 1/4
89				
88	2	91-1089	D-5089	COVER: MIDDLE TELESCOPING (ALUM)
87	7	59-4833		PAN HD: 1/4-20 x 1"
86				
85	12	59-4841		PHIL FLT: #8-32 x 3/8
84	1	91-1086	D-4907	COVER: UPPER INSIDE, RIGHT
83	1	91-1085	D-4907	COVER: UPPER INSIDE, LEFT
82	1	50-0855		COVER: CRESCENT-BE2002 STD
81	1	95-0784	B-3762	ASSY: TIRE PLATE
80	7	60-3159		CLIP, RETAINER: 1/4" 'E' STYLE
79	7	50-2161		SPACER: NYL .375 x .25 x .50
78	7	50-2168		SPACER: NYL- .50 x .25 x .25
77	1	90-1088	B-4948	BOTTOM PLATE, FRONT BE2006
76	1	90-1087	B-4944	BOTTOM PLATE, REAR
75	1	50-0880	B-4949	COVER, HORSESHOE
ITEM	QTY	PT NO	DWG NO	DESCRIPTION

PARTS BREAKDOWN: BE2008 SWIVEL BASE ASSEMBLY
P/N 68-2612 115 VOLT
P/N 68-2613 230 VOLT
REF. DRAWING B-5591

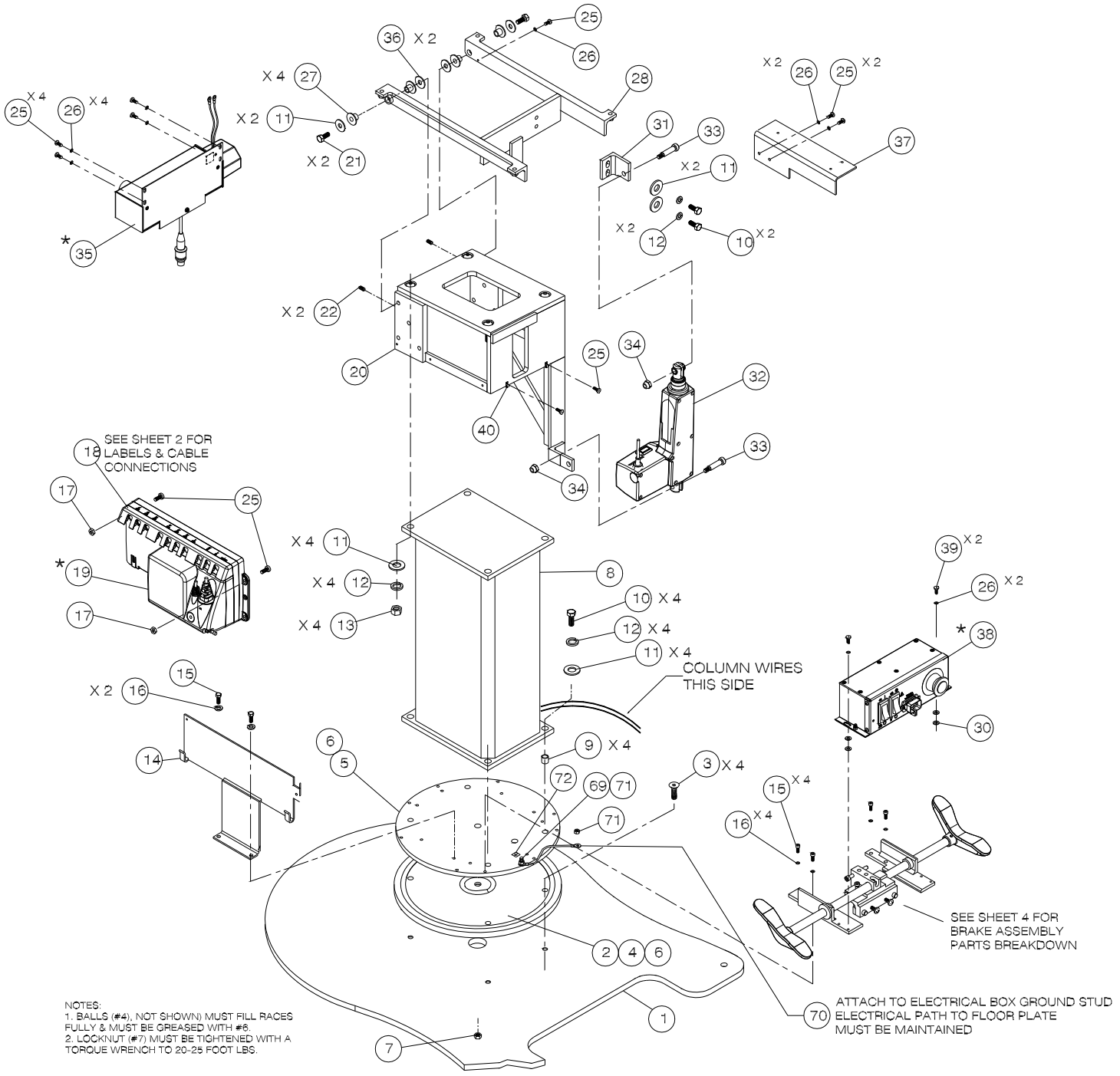

SEE SHEET 2 FOR LABELS & CABLE CONNECTIONS
COLUMN WIRES THIS SIDE
SEE SHEET 4 FOR BRAKE ASSEMBLY PARTS BREAKDOWN
ATTACH TO ELECTRICAL BOX GROUND STUD ELECTRICAL PATH TO FLOOR PLATE MUST BE MAINTAINED
NOTES:
1. BALLS (#4), NOT SHOWN) MUST FILL RACES FULLY & MUST BE GREASED WITH #6.
2. LOCKNUT (#7) MUST BE TIGHTENED WITH A TORQUE WRENCH TO 20-25 FOOT LBS.

FIG 37

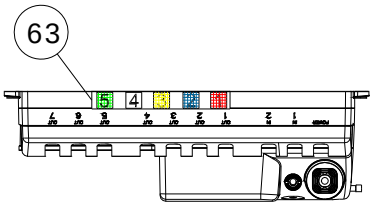
PARTS BREAKDOWN: BE2008 SWIVEL BASE ASSEMBLY
P/N 68-2612 115 VOLT
P/N 68-2613 230 VOLT
REF. DRAWING B-5591

* FOR 220 VOLT UNITS

	ITEM	QTY	PT NO	DWG NO	DESCRIPTION
	40	2	10-3408		CABLE CLAMP- NYL 1/2"
	39	2	59-4859		PHIL PAN: #10-24 X 3/8
*	38	1	15-0123	B-5570	ASSY: ELECT BOX-BE2008 LA31 220 V.
	38	1	15-0122	B-5570	ASSY: ELECT BOX-BE2008 LA31 115 V.
	37	1	91-9172	B-5601	MOUNT ANGLE: CABLE CARRIER BE2008
	36	2	50-2176		WASHER NYL: 3/8 X 1/16 THR
*	35	1	15-0121	B-5574	ASSY: JUNCT BOX-BE 2008 LA31 220 V.
	35	1	15-0120	B-5574	ASSY: JUNCT BOX-BE 2008 LA31 115 V.
	34	2	59-2023		HEX NUT: M8 NYLOCK
	33	2	59-1960		SHOULD SCR: 10MM x 25MM
	32	1	10-4554	B-5314	TILT MOTOR: LINAK LA31- 100 MM
	31	1	91-1190	A-5535	ANGLE: TILT MOTOR BE2008 LA31
	30	4	59-7056		WASHER: FLAT, 3/16"
	29				
	28	1	91-1049	B-5501	WELDMENT: TILT FRAME BE2008 LA31
	27	4	50-2184		BUSHING FLANGED: NYL-3/8 x 1/2
	26	11	59-7057		LOCKWASHER: #10 EXT. TOOTH
	25	24	59-4839		PAN HD: #10-24 x 1/2
	24				
	23	2	59-1860		HEX HD: 3/8-16 x 1"
	22	2	59-5980		SETSCR: 1/4-20 x 1/4 BRASS TIP
	21	2	59-1862		HEX HD: 3/8-16 x 1 1/2
	20	1	91-1185	B-5530	WELDMENT: UPPER FRAME BE2008 LA31
*	19	1	10-4562		CONTROL POWER 220V.
	19	1	10-4561		CONTROL POWER 115V.
	18	1	10-4565		CU CONTROL UNIT 5 PORT MODE 'B'
	17	2	59-2007		NUT: 10-24 WITH STARWASHER
	16	10	59-7065		LOCKWASHER: 1/4 -HEL SPRING
	15	2	59-1834		HEX HD: 1/4-20 x 1/2
	14	1	91-0813	D-3764	BRACKET: CB-14 MOUNTNG-BE2000
	13	4	59-2025		NUT: HEX, 3/8-16
	12	10	59-7067		WASHER: LOCK, 3/8"
	11	13	59-7062		WASHER: FLAT, 3/8"
	10	4	59-1859		HEX HD: 3/8-16 x 3/4
	9	4	60-3764		BRONZE BUSHING:.5 X .377 X .375
	8	1	10-4557	B-5314	LIFT COLUMN-LINAK (LA31)
	7	1	59-2034		1/2-13 HEX NUT SECURITY
	6	A.R.	62-1702		GREASE: HI TEMP: CM-P
	5	1	91-0811	B-4030	UPPER SWIVEL PLATE WELDMENT
	4	114	83-6049		BALLS, STAINLESS STEEL 3/8" DIA
	3	4	59-3896		SOC HD FLAT: 3/8-16 x 1
	2	1	91-0910	B-4529	LOWER SWIVEL PLATE-BE2002 SWIV
	1	1	91-0912	B-4536	WELDMENT: FLOOR PL-BE2002 SWIV

PARTS BREAKDOWN: BE2008 SWIVEL BASE ASSEMBLY
P/N 68-2612 115 VOLT
P/N 68-2613 230 VOLT
REF. DRAWING B-5591

FIG 39-A



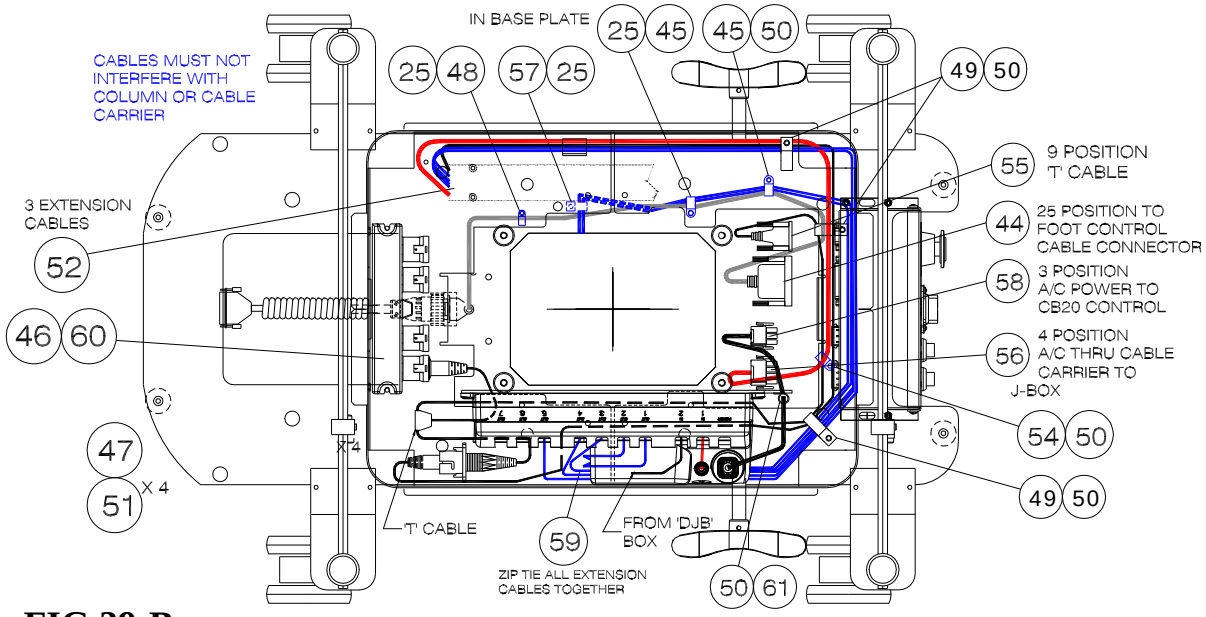


FIG 39-B

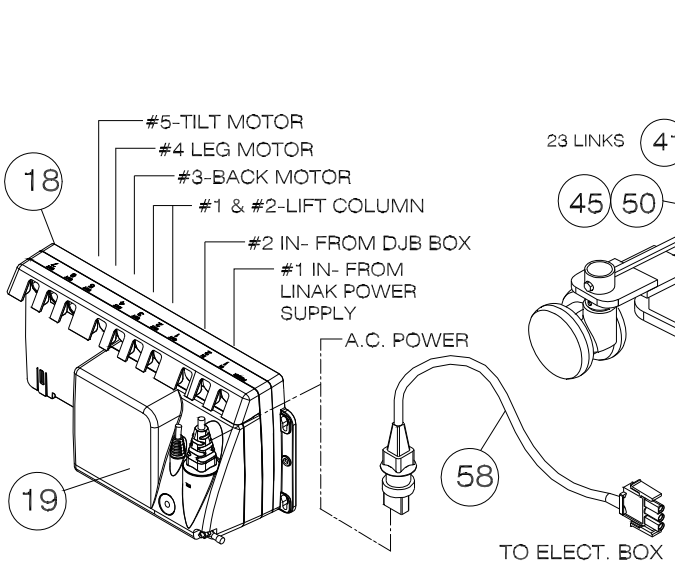


FIG 39-C

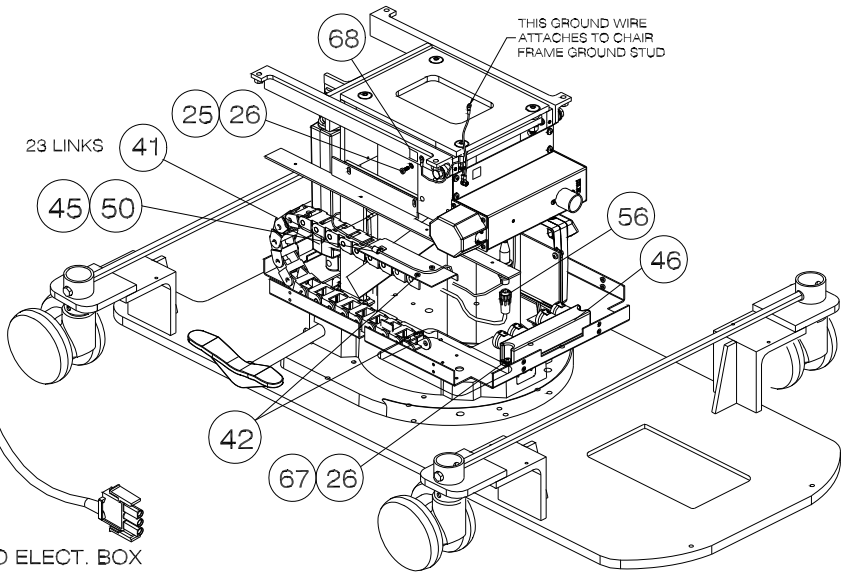


FIG 39-D

PARTS BREAKDOWN: BE2008 SWIVEL BASE ASSEMBLY
P/N 68-2612 115 VOLT
P/N 68-2613 230 VOLT
REF. DRAWING B-5591

ITEM	QTY	PT NO	DWG NO	DESCRIPTION
74				
73				
72	1	60-1688		DECAL: EARTH GROUND
71	2	59-2007		HEX NUT: 10-24 W/STARWASHER
70	1	15-0114	A-3530	GROUNDING CABLE: 5-1/4"
69	1	60-1127		GROUND STUD: 10-24 X 1 S.S.
68	1	60-1689		DECAL: EARTH GROUND SECONDARY
67	2	59-4819		PHIL PAN:#10-24 X 3/4 TYPE 'F'
66	1	60-1450-4		MARKER: CABLE WHITE
65	1	60-1450-2		MARKER: CABLE BLUE
64	1	60-1450-1		MARKER: CABLE RED
63	1	60-1450	A-4714	LABEL: COLOR CODING
62	4	59-1765		ANCHOR BOLT: 1/4 X 2-1/16
61	1	10-3525		CABLE CLAMP: 3/8" SCREW MOUNT
60	2	59-4859		PHIL PAN: #10-24 X 3/8
59	2	10-3422		ZIP TIE: 11 1/2"
58	1	15-0117	B-5582	A.C. POWER CABLE: CB20 BE2008
57	1	10-3528		CABLE CLAMP: 1/2" SCREW MOUNT
56	1	15-0118	B-5581	AC RECEPT CABLE 115V BE2008
55	1	10-1554	A-4084	'T' CABLE
54	1	10-3407		CABLE CLAMP: NYL 3/8"
53	1	60-1451	A-5617	LABEL: CB20 CONTROL BOX I.D.
52	3	10-4548		EXTENSION CABLE 2500mm
51	4	59-4814		PHIL PAN: #4-40 X 1/2
50	6	59-4818		PHIL PAN: #10-24 X 1/2 'F'
49	3	10-3529		CABLE CLAMP: 3/4" SCREW MOUNT
48	1	10-3403		CABLE CLAMP-NYL 1/4"
47	1	15-0104	B-4652	CABLE: COILED - FOOT CONTROL
46	1	10-4546	B-5314	LINAK DJB WITH BOYD MATRIX
45	3	10-3408		CABLE CLAMP-NYL 1/2"
44	1	15-0102	B-4157	CABLE: CONTROL- BE2000 MOBILE
43	2	10-3421		ZIP TIE: NYLON 5 3/4"
42	4	59-4787		PAN HD: #8-32 x 1-1/4
41	1	10-3523		CABLE CARRIER-GORTRAC K20-4

PARTS BREAKDOWN: BE2008 SWIVEL BASE ASSEMBLY
P/N 68-2612 115 VOLT
P/N 68-2613 230 VOLT
REF. DRAWING B-5591

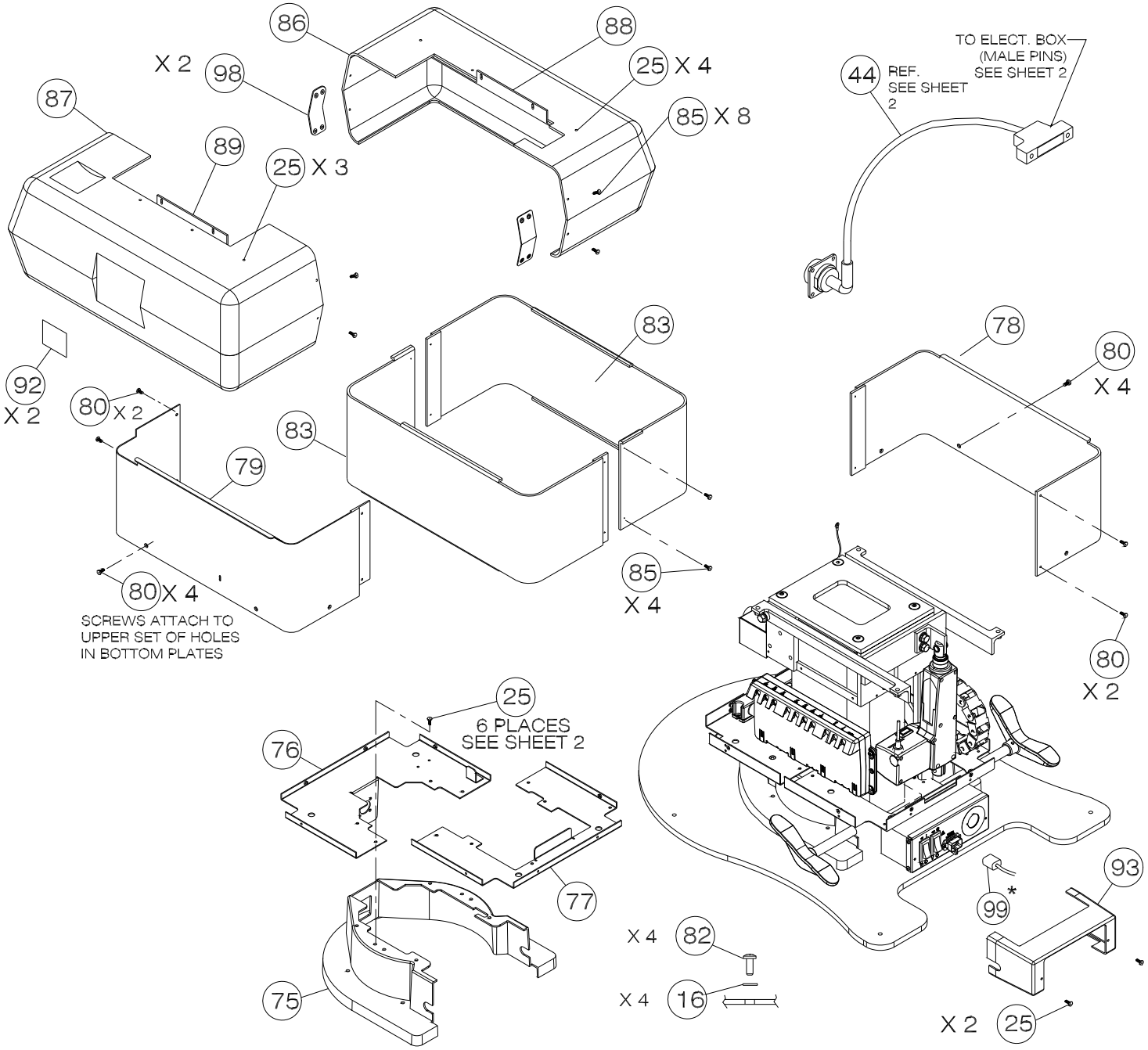


FIG 41

PARTS BREAKDOWN: BE2008 SWIVEL BASE ASSEMBLY
P/N 68-2612 115 VOLT
P/N 68-2613 230 VOLT
REF. DRAWING B-5591

* FOR 220 VOLT UNITS

	ITEM	QTY	PT NO	DWG NO	DESCRIPTION
*	99	1	10-3396		POWER CORD: A.C. 220 VOLT
	99	1	10-1428	B-4607	POWER CORD: A.C. 115 VOLT
	98	2	93-1981	A-5277	STRAP; BE UPPER TELESCOP COVER
	97				
	96	2	59-2007		HEX NUT: 10-24 W/STARWASHER
	95				
	94				
	93	1	50-0816	C-3858	COVER: ELECT. BOX - BE2000
	92	2	60-1593	A-4077	LABEL: BOYD LOGO
	91				
	90				
	89	1	91-0763	B-3854	MOUNT ANGLE: OUTER COVER-RIGHT
	88	1	91-0764	B-3854	MOUNT ANGLE: OUTER COVER-LEFT
	87	1	50-0815	D-3853	COVER: OUTER, TELESCOPING-RIGHT
	86	1	50-0874	D-5603	COVER: OUTER, TELES-LEFT BE2008
	85	12	59-4829		PHIL PAN: #8-32 x 1/4
	84				
	83	2	91-1089	D-5089	COVER: MIDDLE TELESCOPING (ALUM)
	82	4	59-4835		PHIL PAN: 1/4-20 X 1/2
	81	1	59-4850		PHIL FLAT: #10-24 X 3/4"
	80	12	59-4841		PHIL FLT: #8-32 x 3/8
	79	1	91-1086	D-4907	COVER: UPPER INSIDE, RIGHT
	78	1	91-1085	D-4907	COVER: UPPER INSIDE, LEFT
	77	1	90-1088	B-4948	BOTTOM PLATE, FRONT BE2006
	76	1	90-1087	B-4944	BOTTOM PLATE, REAR
	75	1	50-0880	B-4949	COVER, HORSESHOE

PARTS BREAKDOWN: BE2008 SWIVEL BASE ASSEMBLY
P/N 68-2612 115 VOLT
P/N 68-2613 230 VOLT
REF. DRAWING B-5591

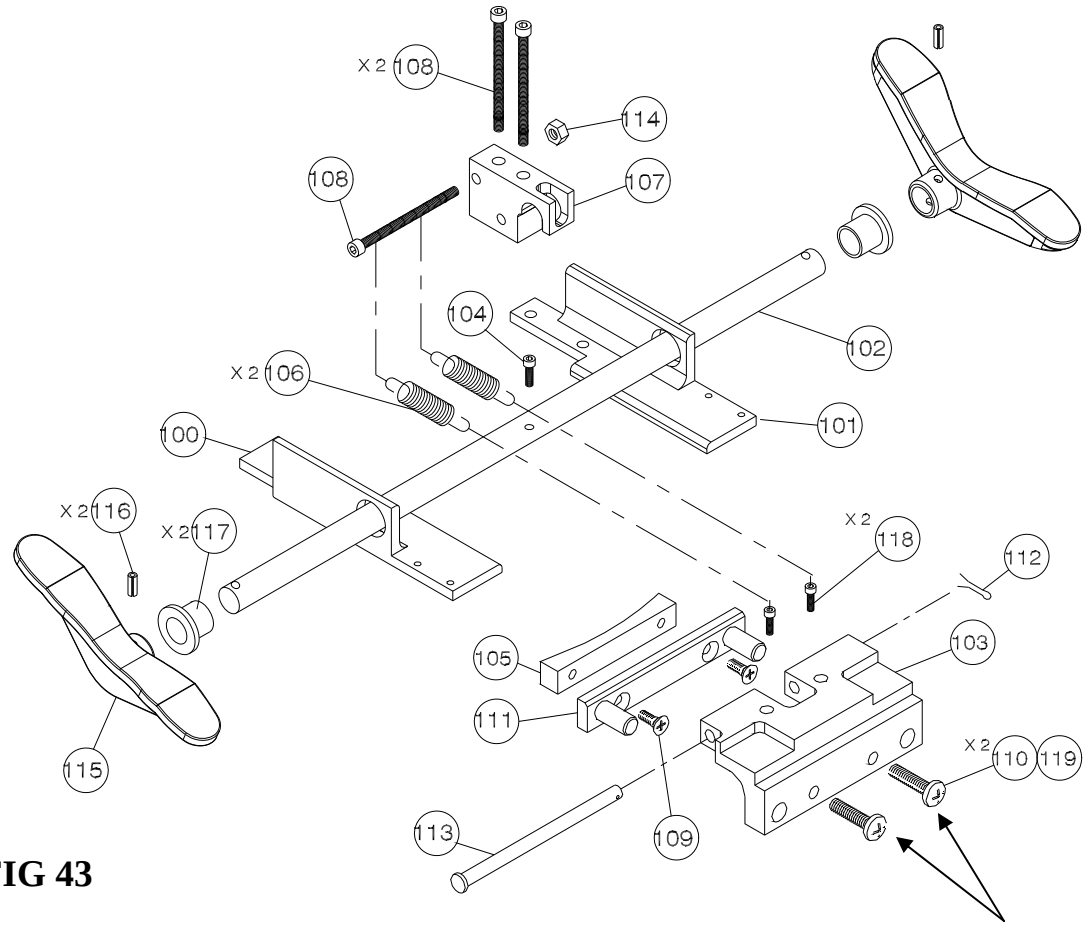


FIG 43

SWIVEL LOCKING ADJUSTMENT:

TIGHTEN BOTH SCREWS 1/4 TURN AND TEST

120				
119	A/R			LOCTITE:
118	2	59-3899		SOC CAP 1/4-20 X 3/4
117	2	60-3748		BUSHING: FLG BRZ 5/8 X 7/8
116	2	59-8094		ROLL PIN: 3/16 X 1/2
115	2	91-1689	B-3629	BRAKE PEDAL
114	1	59-2015		NUT: HEX NYLOK THIN 1/4-20
113	1	59-8156		CLEVIS PIN: 1/4 X 4
112	1	59-8126		COTTER PIN 1/8 X 1
111	1	91-1013	A-4843	BACK UP PLATE
110	2	59-4833		PHIL PAN: 1/4-20 X 1
109	2	59-4817		PHIL FLT: #10-24 X 1/2
108	3	59-3906		SOC CAP 1/4-20 X 1-3/4
107	1	91-0734	A-3769	GUIDE: BRAKE ROD
106	2	60-1637		SPRING, EXTENSION
105	1	90-0734	A-3772	BRAKE PAD
104	1	59-3905		SOC CAP #10-24 X 1/2
103	1	91-1012	B-4842	BRAKE PIVOT ANGLE
102	1	90-0733	A-3768	ROD: BRAKE MECH
101	1	91-0778	B-3770	(LEFT) SUPPORT ANGLE: ELECT. BOX
100	1	91-0779	B-3770	(RIGHT) SUPPORT ANGLE: ELECT. BOX
ITEM	QTY	PT NO	DWG NO	DESCRIPTION

PARTS BREAKDOWN: BE2008 MOBILE BASE ASSEMBLY
P/N 68-2614 115 VOLT
P/N 68-2615 230 VOLT
REF. DRAWING B-5592

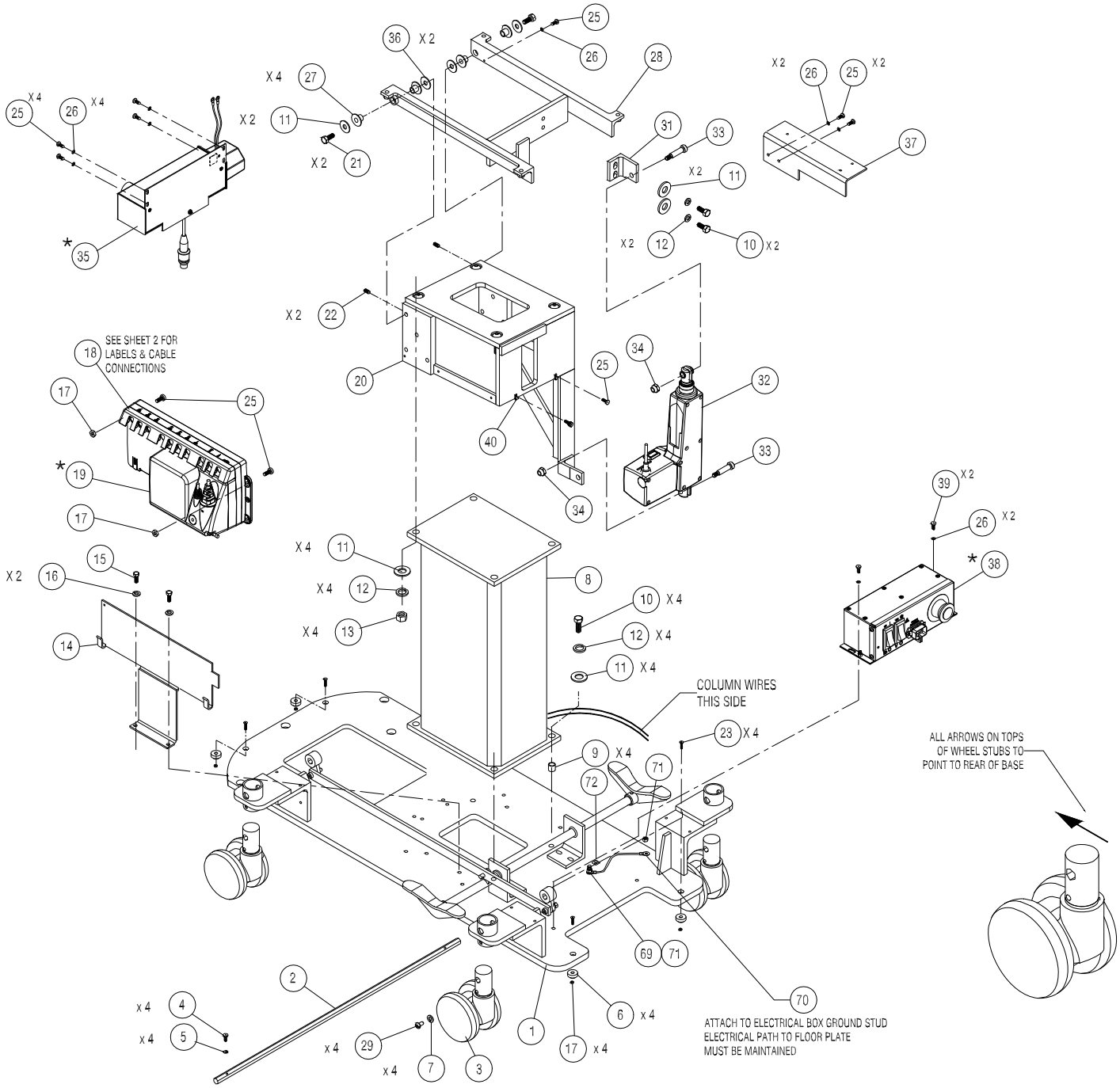

SEE SHEET 2 FOR LABELS & CABLE CONNECTIONS
COLUMN WIRES THIS SIDE
ALL ARROWS ON TOPS OF WHEEL STUBS TO POINT TO REAR OF BASE
ATTACH TO ELECTRICAL BOX GROUND STUD
ELECTRICAL PATH TO FLOOR PLATE
MUST BE MAINTAINED

FIG 44

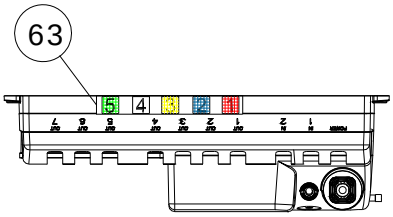
PARTS BREAKDOWN: BE2008 MOBILE BASE ASSEMBLY
P/N 68-2614 115 VOLT
P/N 68-2615 230 VOLT
REF. DRAWING B-5592

* FOR 220 VOLT UNITS

	ITEM	QTY	PT NO	DWG NO	DESCRIPTION
	40	2	10-3408		CABLE CLAMP- NYL 1/2"
	39	10	59-4859		PHIL PAN: #10-24 X 3/8
*	38	1	15-0123	B-5570	ASSY: ELECT BOX-BE2008 LA31 220 V.
	38	1	15-0122	B-5570	ASSY: ELECT BOX-BE2008 LA31 115 V.
	37	1	91-9172	B-5601	MOUNT ANGLE: CABLE CARRIER BE2008
	36	2	50-2176		WASHER NYL: 3/8 X 1/16 THR
*	35	1	15-0121	B-5574	ASSY: JUNCT BOX-BE 2008 LA31 220 V.
	35	1	15-0120	B-5574	ASSY: JUNCT BOX-BE 2008 LA31 115 V.
	34	2	59-2023		HEX NUT: M8 NYLOCK
	33	2	59-1960		SHOULD SCR: 10MM x 25MM
	32	1	10-4554	B-5314	TILT MOTOR: LINAK LA31- 100 MM
	31	1	91-1190	A-5535	ANGLE: TILT MOTOR BE2008 LA31
	30				
	29	4	59-4874		PHIL PAN: M6 X 8mm
	28	1	91-1049	B-5501	WELDMENT: TILT FRAME BE2008 LA31
	27	4	50-2184		BUSHING FLANGED: NYL-3/8 x 1/2
	26	11	59-7057		LOCKWASHER: #10 EXT. TOOTH
	25	24	59-4839		PAN HD: #10-24 x 1/2
	24				
	23	4	59-4898		PHIL FLT: #10-24 x 1
	22	2	59-5980		SETSCR: 1/4-20 x 1/4 BRASS TIP
	21	2	59-1862		HEX HD: 3/8-16 x 1 1/2
	20	1	91-1185	B-5530	WELDMENT: UPPER FRAME BE2008 LA31
*	19	1	10-4562		CONTROL POWER 220V.
	19	1	10-4561		CONTROL POWER 115V.
	18	1	10-4565		CU CONTROL UNIT 5 PORT MODE 'B'
	17	6	59-2007		NUT: 10-24 WITH STARWASHER
	16	10	59-7065		LOCKWASHER: 1/4 -HEL SPRING
	15	6	59-1834		HEX HD: 1/4-20 x 1/2
	14	1	91-0813	D-3764	BRACKET: CB-14 MOUNTNG-BE2000
	13	4	59-2025		NUT: HEX, 3/8-16
	12	10	59-7067		WASHER: LOCK, 3/8"
	11	13	59-7062		WASHER: FLAT, 3/8"
	10	6	59-1860		HEX HD: 3/8-16 x 1
	9	4	60-3764		BRONZE BUSHING:.5 X .377 X .375
	8	1	10-4557	B-5314	LIFT COLUMN-LINAK (LA31)
	7				
	6	4	60-1661		BUMPER: TAPERED, .88Ø x .63
	5	4	59-7058		LKWASHER: #6 EXT TOOTH
	4	4	59-4845		PHIL PAN: #6-32 X 1/2
	3	4	60-6443		CASTER: 4" STEINCO
	2	2	93-0960	A-4901	HEX WHEEL ROD: BE2004 MOB BASE
	1	1	91-0955	B-4890	WELDMENT: BE2004 MOBILE BASE

PARTS BREAKDOWN: BE2008 MOBILE BASE ASSEMBLY
P/N 68-2614 115 VOLT
P/N 68-2615 230 VOLT
REF. DRAWING B-5592

FIG 46-A



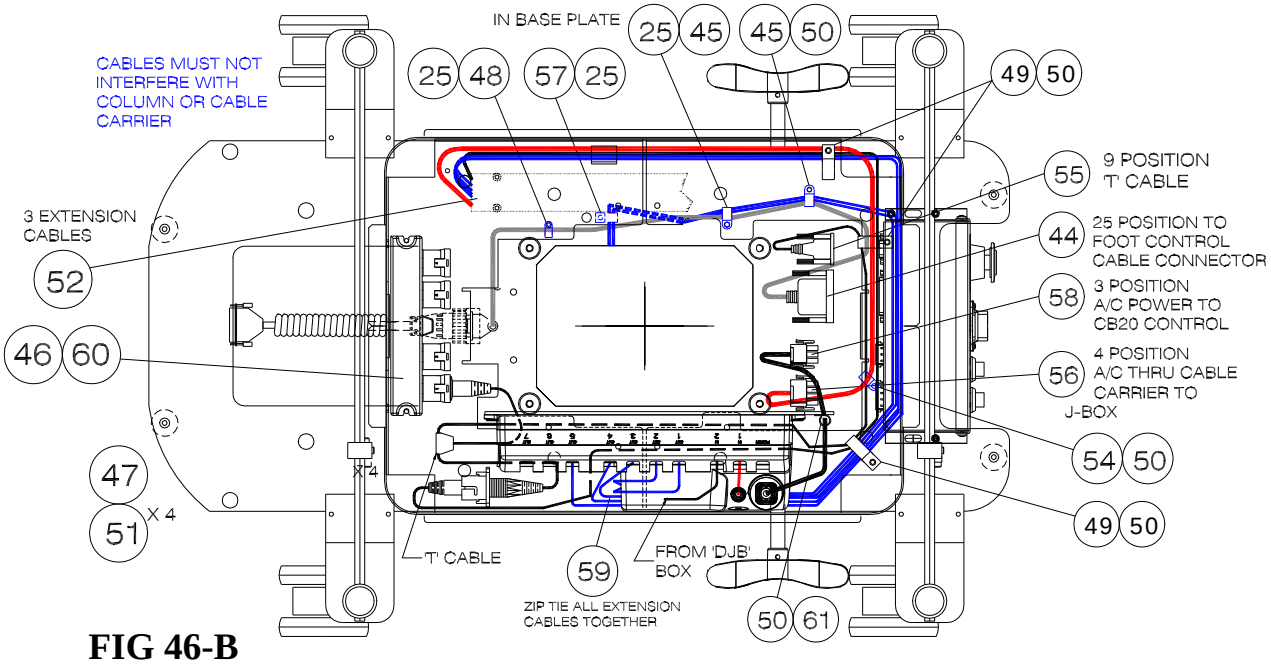


FIG 46-B

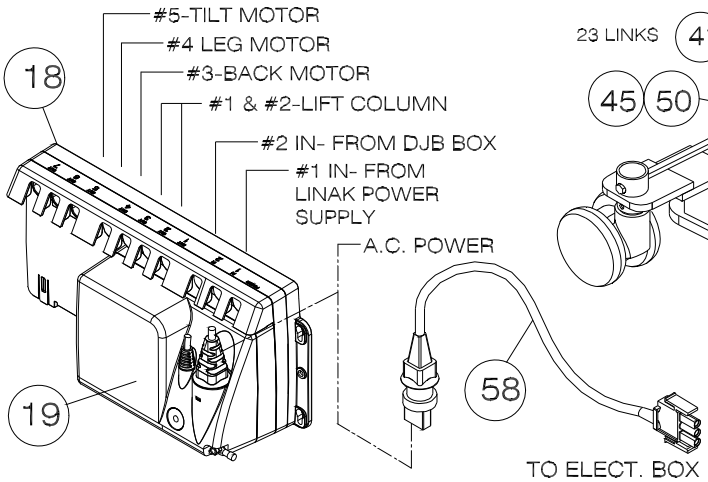


FIG 46-C

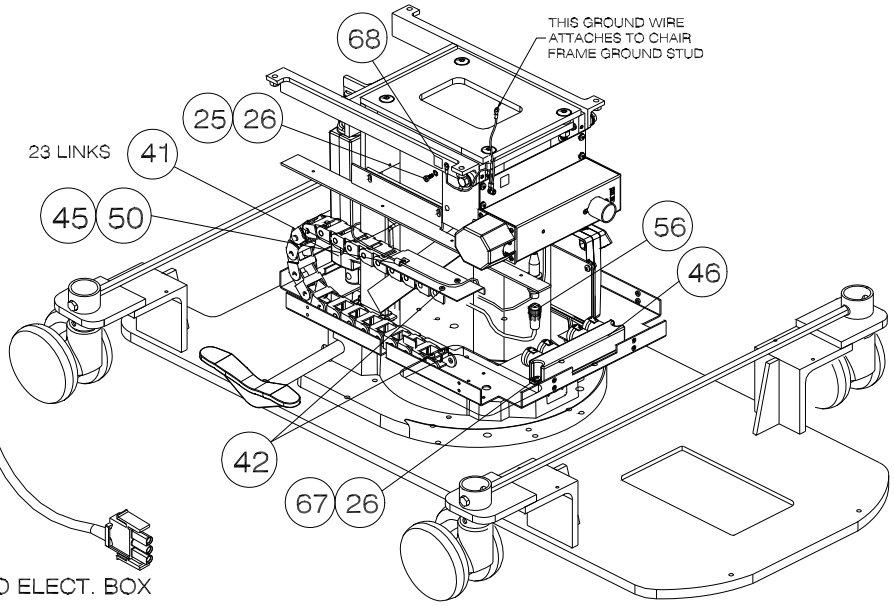


FIG 46-D

PARTS BREAKDOWN: BE2008 MOBILE BASE ASSEMBLY
P/N 68-2614 115 VOLT
P/N 68-2615 230 VOLT
REF. DRAWING B-5592

74				
73				
72	1	60-1688		DECAL: EARTH GROUND
71	2	59-2007		HEX NUT: 10-24 W/STARWASHER
70	1	15-0114	A-3530	GROUNDING CABLE: 5-1/4"
69	1	60-1127		GROUND STUD: 10-24 X 1 S.S.
68	1	60-1689		DECAL: EARTH GROUND SECONDARY
67	2	59-4819		PHIL PAN:#10-24 X 3/4 TYPE 'F'
66	1	60-1450-4		MARKER: CABLE WHITE
65	1	60-1450-2		MARKER: CABLE BLUE
64	1	60-1450-1		MARKER: CABLE RED
63	1	60-1450	A-4714	LABEL: COLOR CODING
62	4	59-1765		ANCHOR BOLT: 1/4 X 2-1/16
61	1	10-3525		CABLE CLAMP: 3/8" SCREW MOUNT
60	2	59-4859		PHIL PAN: #10-24 X 3/8
59	2	10-3422		ZIP TIE: 11 1/2"
58	1	15-0117	B-5582	A.C. POWER CABLE: CB20 BE2008
57	1	10-3528		CABLE CLAMP: 1/2" SCREW MOUNT
56	1	15-0118	B-5581	AC RECEPT CABLE 115V BE2008
55	1	10-1554	A-4084	'T' CABLE
54	1	10-3407		CABLE CLAMP: NYL 3/8"
53	1	60-1451	A-5617	LABEL: CB20 CONTROL BOX I.D.
52	3	10-4548		EXTENSION CABLE 2500mm
51	4	59-4814		PHIL PAN: #4-40 X 1/2
50	6	59-4818		PHIL PAN: #10-24 X 1/2 'F'
49	3	10-3529		CABLE CLAMP: 3/4" SCREW MOUNT
48	1	10-3403		CABLE CLAMP-NYL 1/4"
47	1	15-0104	B-4652	CABLE: COILED - FOOT CONTROL
46	1	10-4546	B-5314	LINAK DJB WITH BOYD MATRIX
45	3	10-3408		CABLE CLAMP-NYL 1/2"
44	1	15-0102	B-4157	CABLE: CONTROL- BE2000 MOBILE
43	2	10-3421		ZIP TIE: NYLON 5 3/4"
42	4	59-4787		PAN HD: #8-32 x 1-1/4
41	1	10-3523		CABLE CARRIER-GORTRAC K20-4
ITEM	QTY	PT NO	DWG NO	DESCRIPTION

PARTS BREAKDOWN: BE2008 MOBILE BASE ASSEMBLY
P/N 68-2614 115 VOLT
P/N 68-2615 230 VOLT
REF. DRAWING B-5592

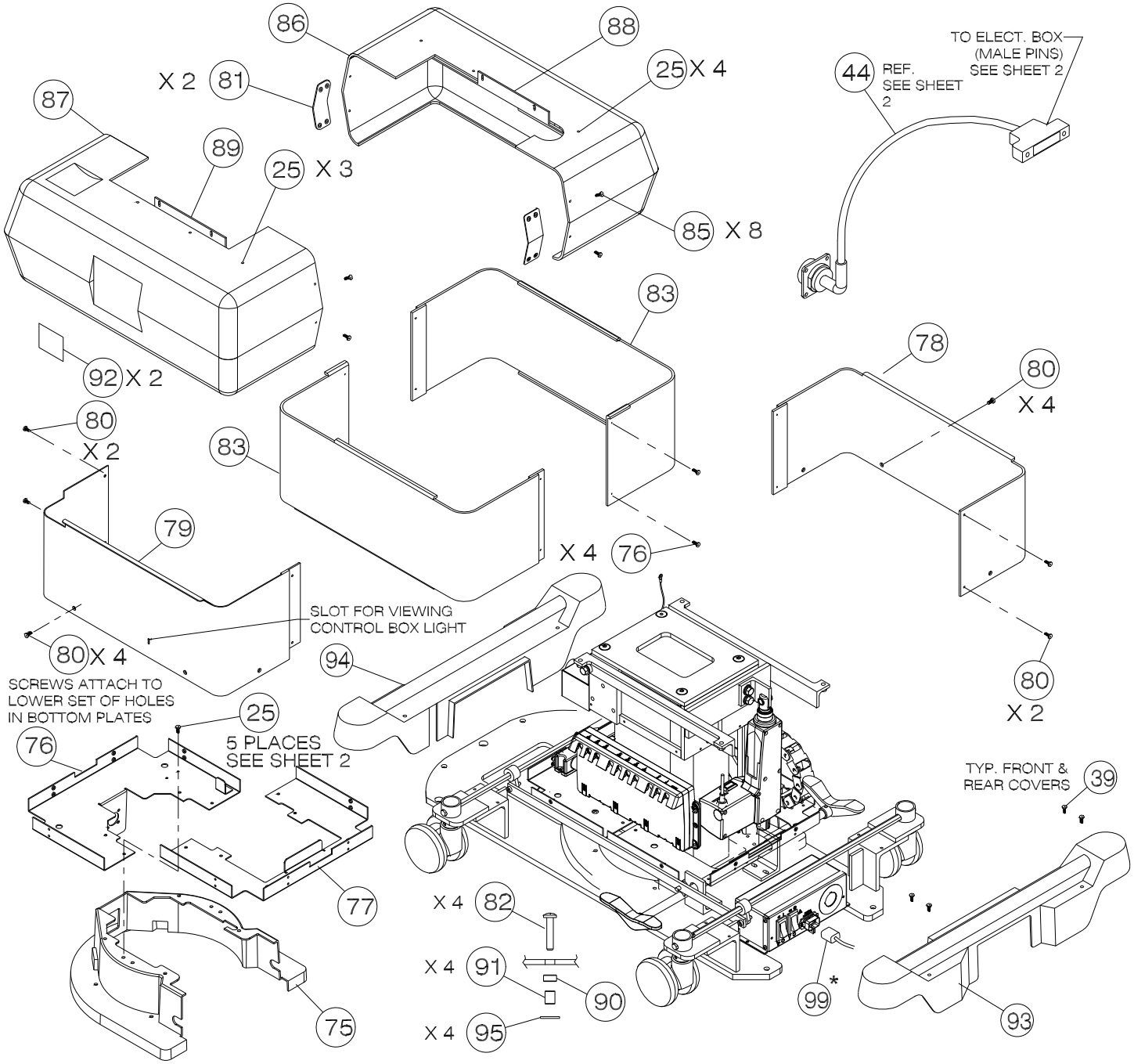


FIG 48-D

PARTS BREAKDOWN: BE2008 MOBILE BASE ASSEMBLY
P/N 68-2614 115 VOLT
P/N 68-2615 230 VOLT
REF. DRAWING B-5592

* FOR 220 VOLT UNITS

	ITEM	QTY	PT NO	DWG NO	DESCRIPTION
*	99	1	10-3396		POWER CORD: A.C. 220 VOLT
	99	1	10-1428	B-4607	POWER CORD: A.C. 115 VOLT
	98	2	93-1981	A-5277	STRAP; BE UPPER TELESCOP COVER
	97				
	96	2	59-2007		HEX NUT: 10-24 W/STARWASHER
	95	4	60-3159		CLIP, RETAINING: 'E' STYLE 1/4"
	94	1	50-0876	B-4903	REAR BASE COVER: BE2004 MOB
	93	1	50-0875	B-4902	FRONT BASE COVER: BE2004 MOB
	92	2	60-1593	A-4077	LABEL: BOYD LOGO
	91	4	50-2161		SPACER: NYL .375 x .25 x .50
	90	4	50-2168		SPACER: NYL .50 X .25 X .25
	89	1	91-0763	B-3854	MOUNT ANGLE: OUTER COVER-RIGHT
	88	1	91-0764	B-3854	MOUNT ANGLE: OUTER COVER-LEFT
	87	1	50-0815	D-3853	COVER: OUTER, TELESCOPING-RIGHT
	86	1	50-0874	D-5603	COVER: OUTER, TELES-LEFT BE2008
	85	12	59-4829		PHIL PAN: #8-32 x 1/4
	84				
	83	2	91-1089	D-5089	COVER: MIDDLE TELESCOPING (ALUM)
	82	4	59-4829		PAN HD: 1/4-20 x 1 1/4
	81	1	59-4850		PHIL FLAT: #10-24 X 3/4"
	80	12	59-4841		PHIL FLT: #8-32 x 3/8
	79	1	91-1086	D-4907	COVER: UPPER INSIDE, RIGHT
	78	1	91-1085	D-4907	COVER: UPPER INSIDE, LEFT
	77	1	90-1088	B-4948	BOTTOM PLATE, FRONT BE2006
	76	1	90-1087	B-4944	BOTTOM PLATE, REAR
	75	1	50-0880	B-4949	COVER, HORSESHOE

PARTS BREAKDOWN: BE2008 MOBILE BASE ASSEMBLY
P/N 68-2614 115 VOLT
P/N 68-2615 230 VOLT
REF. DRAWING B-5592

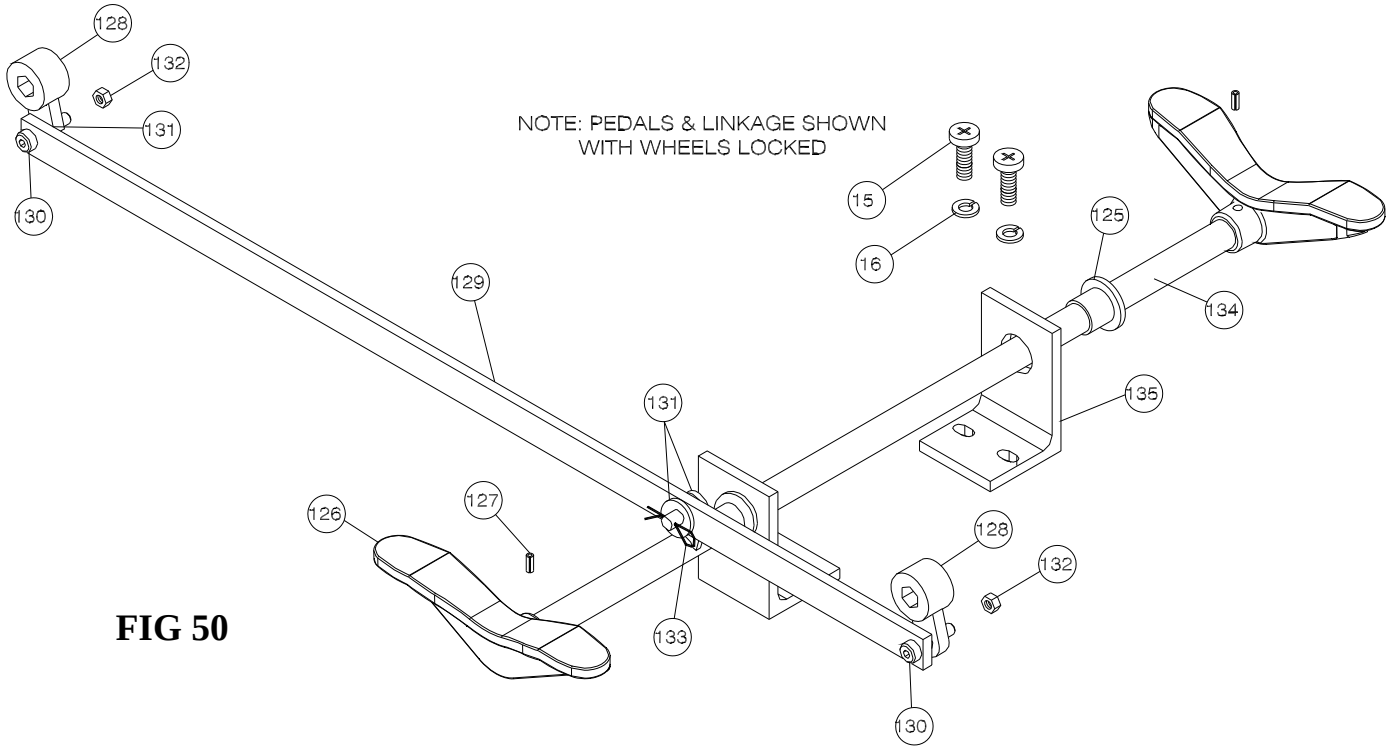


FIG 50

135	2	91-0965	A-4899	MOUNTING ANGLE: PEDAL ROD
134	1	90-0963	A-4900	WELDMENT: PEDAL ROD
133	1	59-8138		HAIRPIN COTTER: .093 X 1
132	2	59-2015		HEX NUT: 1/4-20 NYLOK THIN
131	4	50-2145		NYL WASHER: .75 X .323 X .125
130	2	59-1954		SHOULD SCR: 5/16 X 5/8
129	1	91-0964	B-4896	LINK BAR: BE2004 MOBILE BASE
128	2	60-6444		CHANGE LEVER: 28mm TENTE
127	2	59-8094		ROLL PIN 3/16 X 1/2
126	2	91-1689	B-3629	BRAKE PEDAL
125	2	60-3748		BUSHING: FLG BRNZ 5/8 X 7/8
ITEM	QTY	PT NO	DWG NO	DESCRIPTION

PARTS BREAKDOWN: S2601/S2605 LIGHTPOST ASSEMBLY
P/N 95-2519 LEFT
P/N 95-2522 RIGHT (SHOWN)
REF. DRAWING B-4256

LIGHT AND ADAPTER ARE SOLD SEPARATELY

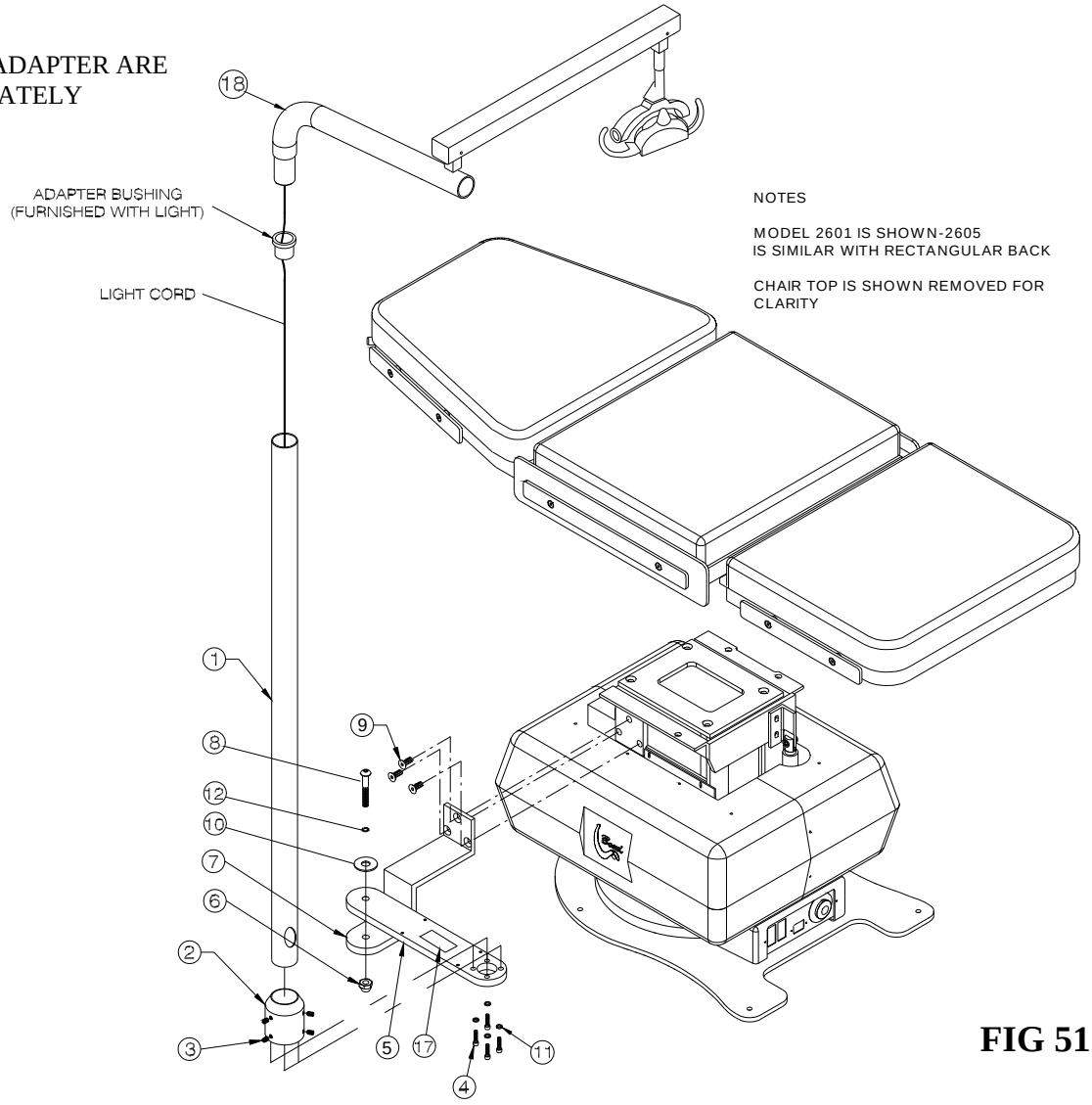
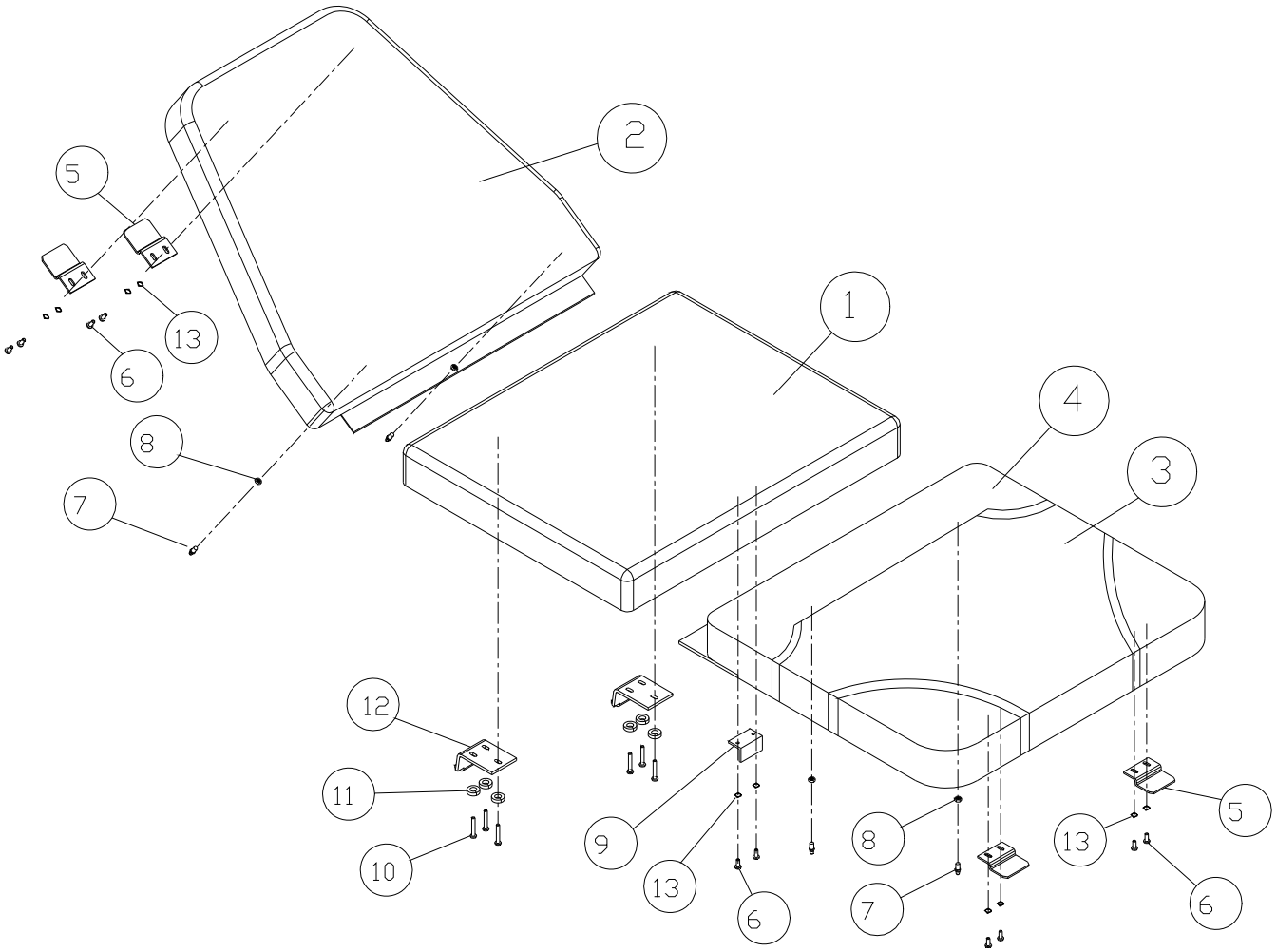


FIG 51

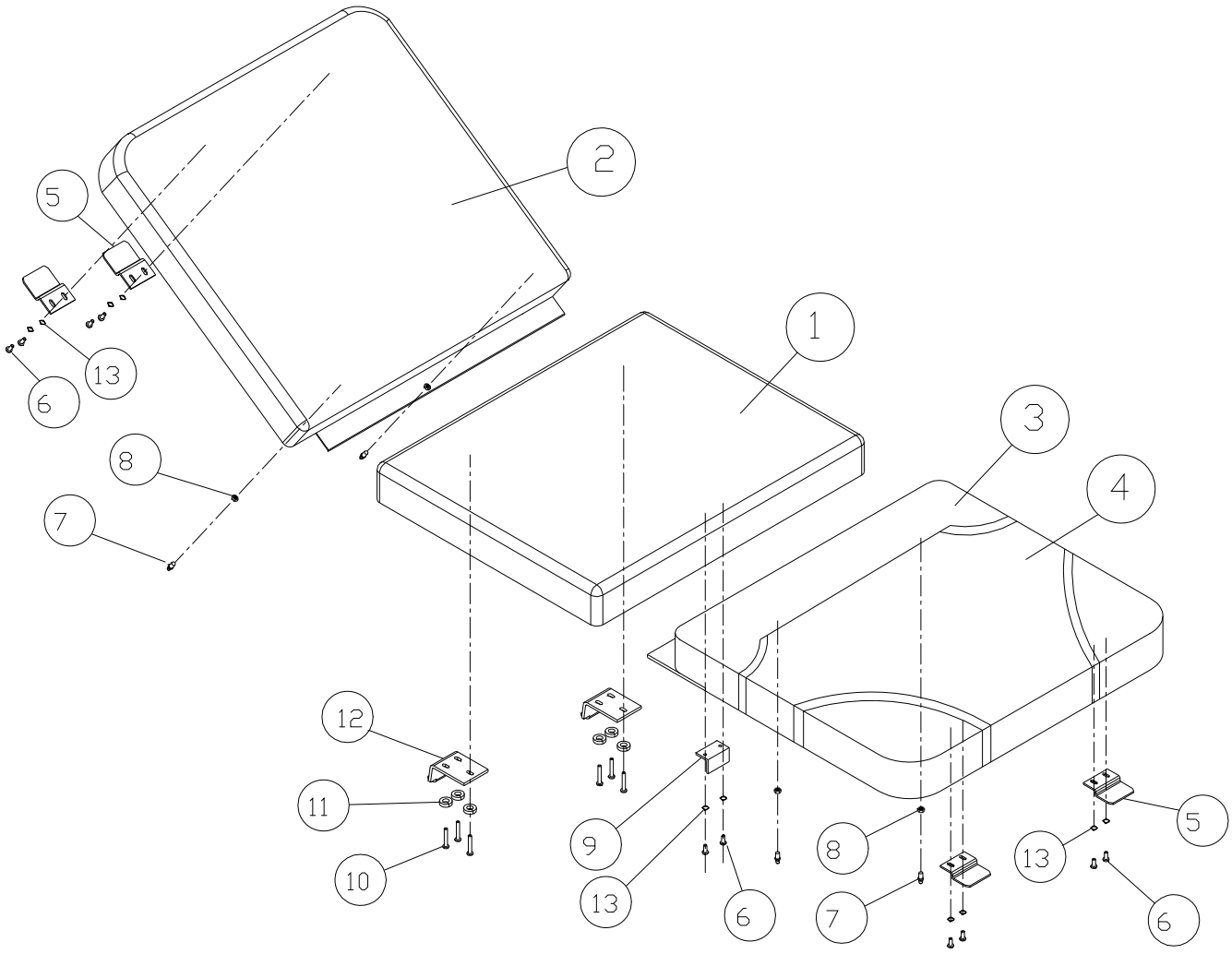
ITEM	QTY	DESCRIPTION	DWG#	PART#
12	1	LOCKWASHER 1/2" INT. STAR		59-7084
11	4	LOCKWASHER: 1/4" HEL SPRING		59-7065
10	1	WASHER: FLAT, 1/2 USS		59-7068
9	3	SOC FLAT: 3/8-16 X 1		59-3896
8	1	BUT HD: 1/2-13 X 2 1/2" SS		59-3847
7	1	WELDMENT: LP BRKT-BE2000	B-3793	91-0788
6	1	NUT: HEX 1/2-13 NYL		59-2038
5	1	ARM: SWING 17"	B-3563	91-6714
4	4	SOC CAP:1/4-20 X 1 1/4		59-3900
3	6	SET: 5/16-18 X 1/2		59-5940
2	1	LIGHT POST CUP: BASE MNT	B-0173	91-2502
1	1	LIGHT POST 40"	B-4202	93-9193

PARTS BREAKDOWN: S2601 UPHOLSTERY
P/N 67-2601 REF. DRAWING B-4176



ITEM #	S-2601 UPHOLSTERY ITEM DESCRIPTION	BOYD #
1	UPHOLSTERY: S-2601 BACK WITH BRACKETS AND BOLTS	67-2602S
2	UPHOLSTERY: S-2601/S-2605 SEAT WITH BRACKETS AND BOLTS	67-2603S
3	UPHOLSTERY: S-2601/S-2605 TOE	67-2604S
4	TOE PROTECTOR: S-2601/S-2605	67-2027S
5	BRACKET: 'Z' 2600 SERIES	91-0750
6	PHIL PAN HD: #10-24 X 3/4"	59-4875
7	STUD: PANEL LOC	60-1126
8	NUT, HEX: 6MM	59-2017
9	ANGLE: SEAT RETAINER	90-9016
10	PHIL PAN HD: 1/4-20 X 1"	59-4833
11	WASHER, LOCK: 1/4"	59-7065
12	BRACKET: UPHOLSTERY 'Z'	91-0751
13	WASHER: LOCK #10 EXT TOOTH	59-7057

PARTS BREAKDOWN: S2605 UPHOLSTERY
P/N 67-2605 REF. DRAWING B-4177



ITEM #	S-2605 UPHOLSTERY ITEM DESCRIPTION	BOYD #
1	UPHOLSTERY: S-2605 BACK (RECTANGLE) WITH BRACKETS AND BOLTS	67-2606S
2	UPHOLSTERY: S-2601/S-2605 SEAT WITH BRACKETS AND BOLTS	67-2603S
3	UPHOLSTERY: S-2601/S-2605 TOE	67-2604S
4	TOE PROTECTOR-S-2601/S-2605	67-2027S
5	BRACKET: ‘Z’ 2600 SERIES	91-0750
6	PHIL PAN HD: #10-24 X 3/4”	59-4875
7	STUD: PANEL LOC	60-1126
8	NUT, HEX: 6MM	59-2017
9	ANGLE: SEAT RETAINER	90-9016
10	PHIL PAN HD: 1/4-20 X 1”	59-4833
11	WASHER, LOCK: 1/4”	59-7065
12	BRACKET: UPHOLSTERY ‘Z’	91-0751
13	WASHER: LOCK #10 EXT TOOTH	59-7057

CLEANING/CONDITIONING

IT IS RECOMMENDED THAT THE CHAIR AND EQUIPMENT BE THOROUGHLY CLEANED AND DISINFECTED AFTER EACH USE. USE ONLY CLEANERS AND DISINFECTANTS APPROVED FOR CLEANING VINYL. DO NOT USE STRONG OR HARSH CLEANERS SUCH AS: '409', OR 'MR. CLEAN'. THEY WILL CAUSE THE VINYL COLOR TO FADE. APPLY THE CLEANER TO A TOWEL, NOT DIRECTLY TO THE VINYL. A SPECIALLY FORMULATED VINYL CONDITIONER IS AVAILABLE FROM BOYD INDUSTRIES INCORPORATED. REFER TO VINYL MANUFACTURER'S DATA FOR SPECIFIC CLEANING INSTRUCTIONS.

INFECTION CONTROL

ALL ESTABLISHED INFECTION CONTROL POLICIES SHOULD BE FOLLOWED. ALL WORK SURFACES AND PATIENT CONTACT SURFACES SHOULD BE DISINFECTED BETWEEN PATIENTS AND AT THE END OF THE DAY USING A PRODUCT THAT IS EPA REGISTERED AS 'HOSPITAL DISINFECTANT' AND LABELED FOR TUBERCULOCIDAL ACTIVITY. TWO SUCH PRODUCTS ARE:
TRI-CIDE (800) 342-3096
MEDOCADCIO (800) 777-7072

TOUS ÉTABLI DES POLITIQUES DE LUTTE CONTRE L'INFECTION DOIVENT ÊTRE SUIVIES. TOUTES LES SURFACES DE TRAVAIL ET LES SURFACES EN CONTACT AVEC DES PATIENTS DOIVENT ÊTRE DÉSINFECTÉS ENTRE LES PATIENTS ET À LA FIN DE LA JOURNÉE L'AIDE D'UN PRODUIT QUE L'EPA EST ENREGISTRÉ COMME «DÉSINFECTANT HOSPITALIER» ET MARQUÉS POUR TUBERCULOCIDES ACTIVITÉ. DEUX DE CES PRODUITS SONT LES SUIVANTS:
TRI-CIDE (800) 342-3096
MEDOCADCIO (800) 777-7072

TECHNICAL SERVICE

FOR PARTS, SERVICE, OR TECHNICAL INFORMATION CONTACT:

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Clearwater, Florida USA 33762
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1-888-315-2693
fax: 1-727-573-1682

EUROPE

Ses DERMA
Grabador Esteve
22, bajo
46004 VALENCIA
tel: 96.352.83.23
fax: 96.351.65.42

CANADA

Dentaplus Inc.
100 DE LA BARRE, #1
Boucherville, QC
Canada J4B 2X7
tel: 450-655-8963
fax: 450-655-0711

TROUBLE SHOOTING GUIDE

SYMPTOMS:	APPROPRIATE ACTION:
PRODUCT WILL NOT OPERATE	CHECK THE MAIN SWITCH (C1) TO INSURE THAT IT IS ON. IT WILL BE ILLUMINATED IF IT IS ON.
PRODUCT WILL NOT OPERATE (SWITCH IS NOT ILLUMINATED)	CHECK THE A/C OUTLET THAT THE CHAIR IS PLUGGED INTO TO INSURE THAT THERE IS POWER GOING TO THE PRODUCT. ALSO CHECK THE BUILDING'S CIRCUIT BREAKERS.
	CHECK THAT EMERGENCY STOP (RED) SWITCH IS NOT PUSHED IN.
MAIN SWITCH (C1) IS ON OUTLET ON CHAIR WORKS MOTORS WILL NOT WORK	CHECK TO MAKE SURE THAT THE CABLE PLUG ON THE MOTOR IS PUSHED ALL THE WAY INTO THE CONTROL BOX.
	CHECK TO INSURE THAT THE BOTTOM SAFETY COVER IS NOT STUCK IN THE UP POSITION.
	CHECK THE POWER INTERRUPT INDICATOR TO INSURE THAT IT HAS NOT BEEN ACTIVATED
MAIN SWITCH (C1) IS ON- A/C OUTLET ON TABLE WORKS MOTORS WILL NOT WORK, OR A BEEP IS HEARD WHEN TRYING TO RUN A MOTOR	RESET THE MAIN CONTROL SOFTWARE: PRESS THE #1 & #2 SWITCHES AND HOLD BOTH FOR TEN SECONDS. A BEEPING WILL BE HEARD. AFTER THE BEEPING CEASES, PRESS AUTORETURN. THE CHAIR SHOULD NOW OPERATE NORMALLY. IF CHAIRS DOES NOT FUNCTION PROPERLY, PERFORM THE RESET PROCEDURE A SECOND TIME. IF CHAIR STILL DOES NOT FUNCTION PROPERLY, UNPLUG POWER CORD, WAIT TEN SECONDS, REPLUG AND PERFORM THE RESET PROCEDURE AGAIN. IF CHAIR DOES NOT FUNCTION NORMALLY, CALL FOR SERVICE.
NOISY MOTOR(S)	CALL FOR SERVICE.
FOOT SWITCH LIGHT WILL NOT WORK	CHECK LIGHT CIRCUIT BREAKER. (C2) WILL BE ILLUMINATED IF IT IS TURNED ON.
CIRCUIT BREAKER / SWITCH	ITEM PLUGGED INTO LIGHT SWITCH OUTLET IN PRODUCT EXCEEDS AMP RATING. THE RATING FOR THIS OUTLET IS: 5 AMPS ON 115VOLT PRODUCTS - 2 AMPS ON 230VOLT PRODUCTS.

COMMON PROBLEMS

SYMPTOMS:	APPROPRIATE ACTION:
REPLACEMENT MOTOR DOES NOT WORK	THE PLUGS ON THESE MOTORS ARE WATER TIGHT AND FIT VERY TIGHTLY INTO THE CONTROL BOX. INSURE THAT THE PLUG IS ALL THE WAY INTO THE CONTROL BOX.
HEADREST BAR WILL ONLY ENGAGE APPROX. 2"	THE HEADREST RELEASE LEVER MUST BE DEPRESSED WHILE INSTALLING THE HEADREST. PUSH AND HOLD RELEASE LEVER, WHILE INSERTING HEADREST BAR INTO SLOT ON TOP OF THE BACK. IF THE HEADREST BAR STILL WILL NOT GO IN, CALL FOR SERVICE.

Guidance and manufacturer's declaration –electromagnetic immunity			
The Boyd models listed are intended for use in the electromagnetic environment specified below. The customer or the user of the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or S-2605 should assure that it is used in such an environment.			
Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment – guidance**
			Portable and mobile RF communications equipment should be used no closer to any part of the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S-2914FP, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. **Recommended separation distance**
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	*3* Vrms	$d = 1.2\sqrt{P}$
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2,5 GHz	*3* V/m	$d = 1.2\sqrt{P}$ 80 MHz to 800 MHz $d = 2.3\sqrt{P}$ 800 MHz to 2,5 GHz
			where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as deter-mined by an electromagnetic site survey, [a]should be less than the compliance level in each frequency range. [b] Interference may occur in the vicinity of equipment marked with the following symbol:

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

[a] Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or S-2605 is used exceeds the applicable RF compliance level above, the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or S-2605 should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or S-2605

[b] Over the frequency range 150 kHz to 80 MHz, field strengths should be less than *3* V/m.

Recommended separation distances
between portable and mobile RF communications equipment and the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or S-2605

The Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or S-2605 is intended for use in an electro-magnetic environment in which radiated RF disturbances are controlled. The customer or the user of the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or S-2605 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or s-2605 as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	**Separation distance according to frequency of transmitter** m		
	150 kHz to 80 MHz	**80 MHz to 800 MHz**	**800 MHz to 2,5 GHz**
	$d = 1.2\sqrt{P}$	$d = 1.2\sqrt{P}$	$d = 2.3\sqrt{P}$
0,01	0.12	0.12	0.23
0,1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

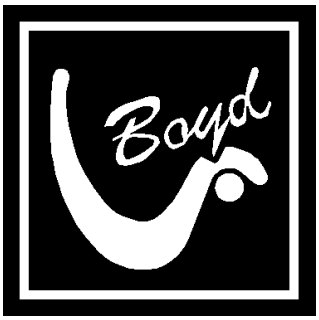
For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Guidance and manufacturer's declaration –electromagnetic immunity			
The Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or S-2605 is intended for use in the electromagnetic environment specified below. The customer or the user of the Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or S-2605 should assure that it is used in such an environment.			
Immunity test	**IEC 60601 test level**	**Compliance level**	**Electromagnetic environment – guidance**
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	±2 kV for power supply lines ±1 kV for input/output lines	±2 kV for power supply lines Not Applicable	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1 kV differential mode ±2 kV common mode	1 kV differential mode ±2 kV common mode	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % U_T (>95 % dip in U_T) for 0,5 cycle 40 % U_T (60 % dip in U_T) for 5 cycles 70 % U_T (30 % dip in U_T) for 25 cycles <5 % U_T (>95 % dip in U_T) for 5 sec	<5 % U_T (>95 % dip in U_T) for 0,5 cycle 40 % U_T (60 % dip in U_T) for 5 cycles 70 % U_T (30 % dip in U_T) for 25 cycles <5 % U_T (>95 % dip in U_T) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the Boyd model PD-2350 requires continued operation during power mains interruptions, it is recommended that the Boyd model PD-2350 be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A / m	3 A / m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE U_T is the a.c. mains voltage prior to application of the test level.			

	Guidance and manufacturer's declaration –electromagnetic emissions		
	The Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, S-2914FP, S-2601 or S-2605 is intended for use in the electro-magnetic environment specified below. The customer or the user of the Boyd model S-2614, S-2614FP, S-2615, S-615FP, S-2914, S-2914FP, S-2601 or S-2605 should assure that it is used in such an environment.		
	Emissions test	Compliance	Electromagnetic environment – guidance
	RF emissions CISPR 11	Group 1	The Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S -2914FP uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interfer-ence in nearby electronic equipment.
	RF emissions CISPR 11	Class A	The Boyd model S-2614, S-2614FP, S-2615, S-2615FP, S-2914, or S -2914FP is suitable for use in all establishments other than domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
	Harmonic emissions IEC 61000-3-2	Not Applicable	
	Voltage fluctuations / flicker emissions IEC 61000-3-3	Not Applicable	



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